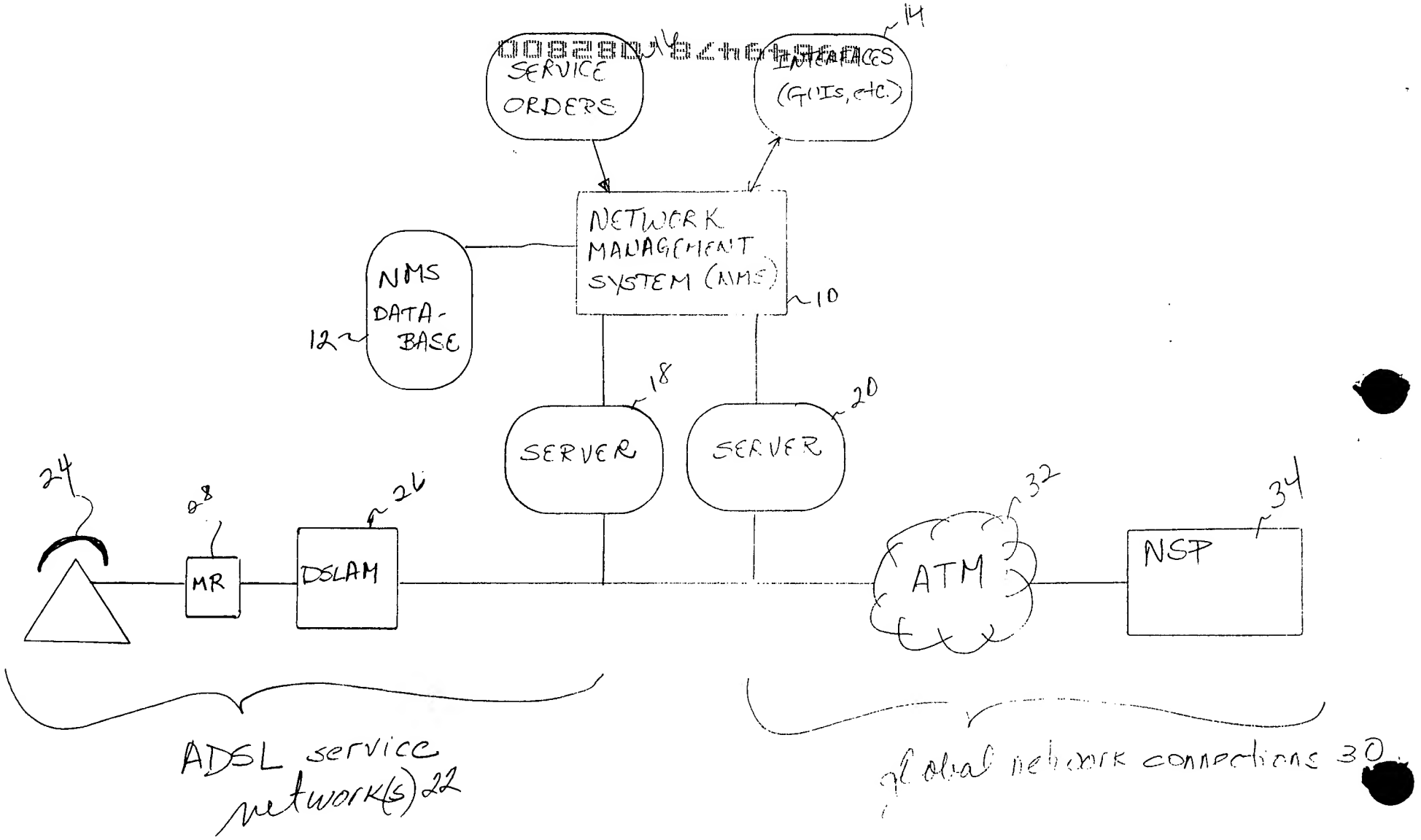


BEST AVAILABLE COPY

fig 1

NETWORK CREATION IN THE NMS DATABASE

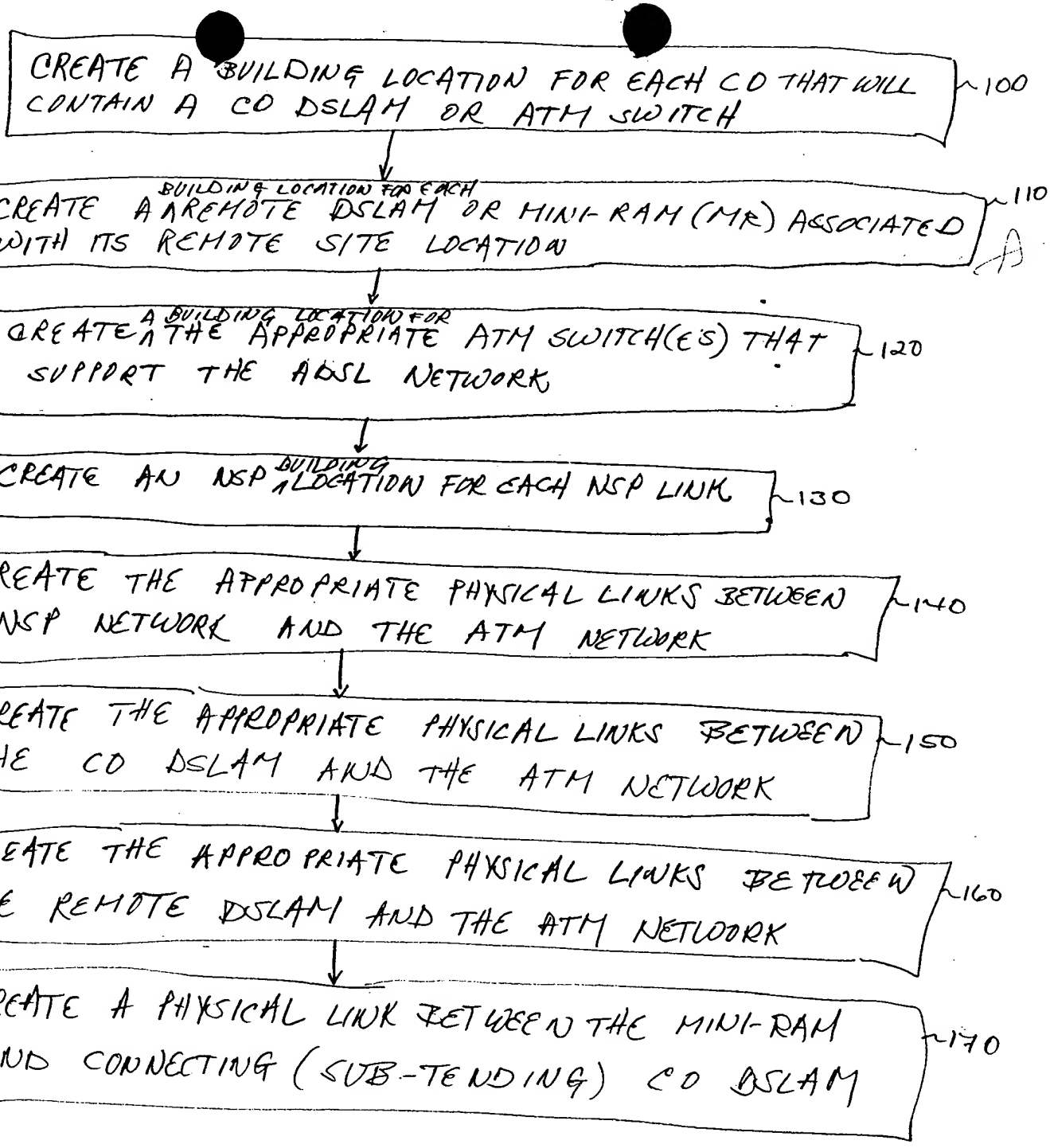


Fig. 2

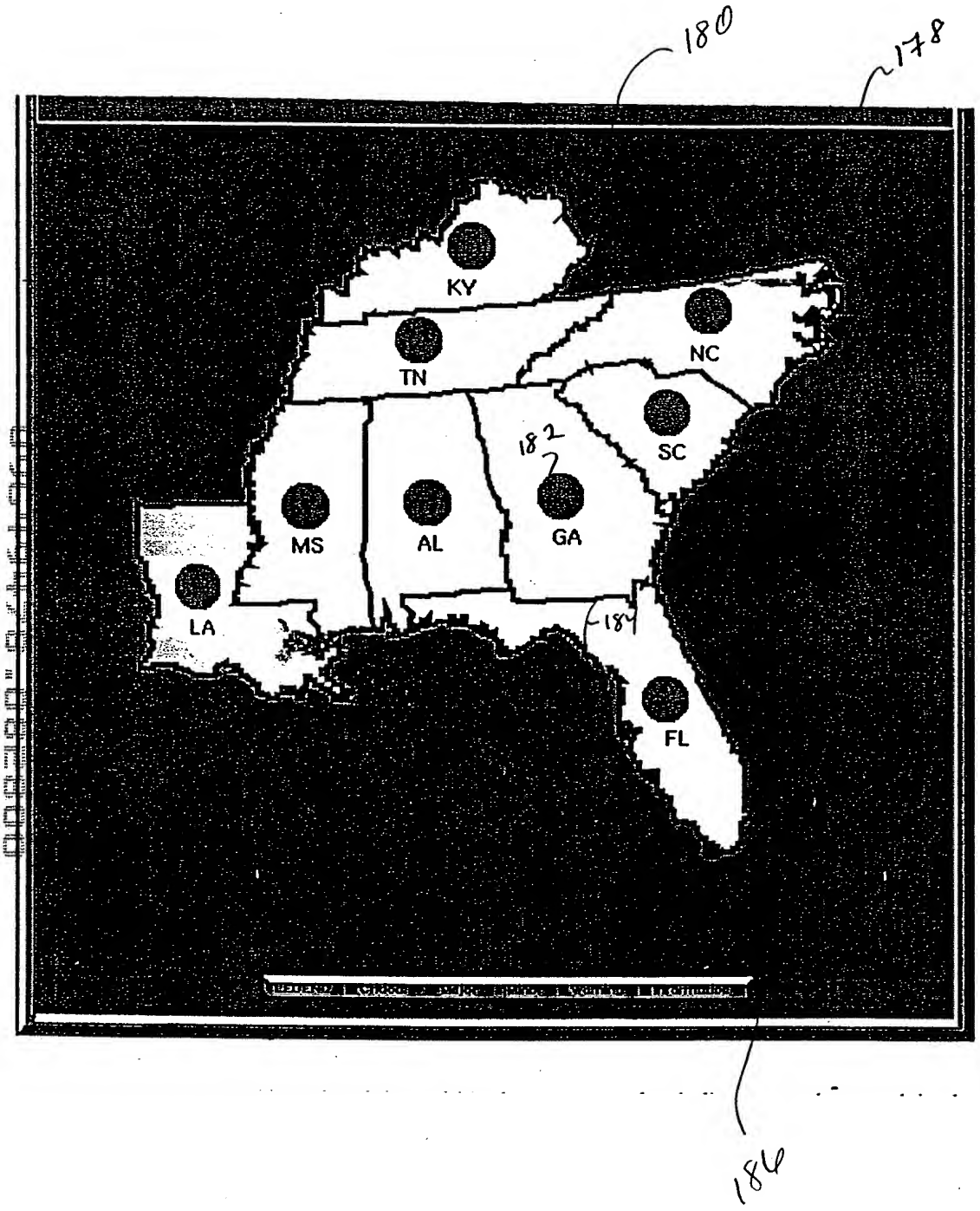


Fig. 3A

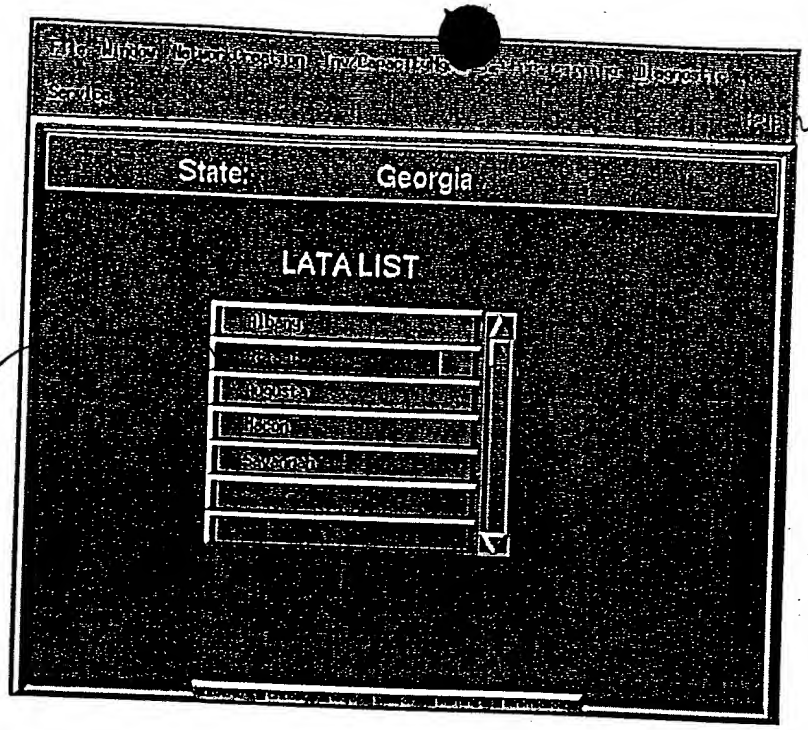

State: Georgia
LATA LIST
188
190

Fig. 3B

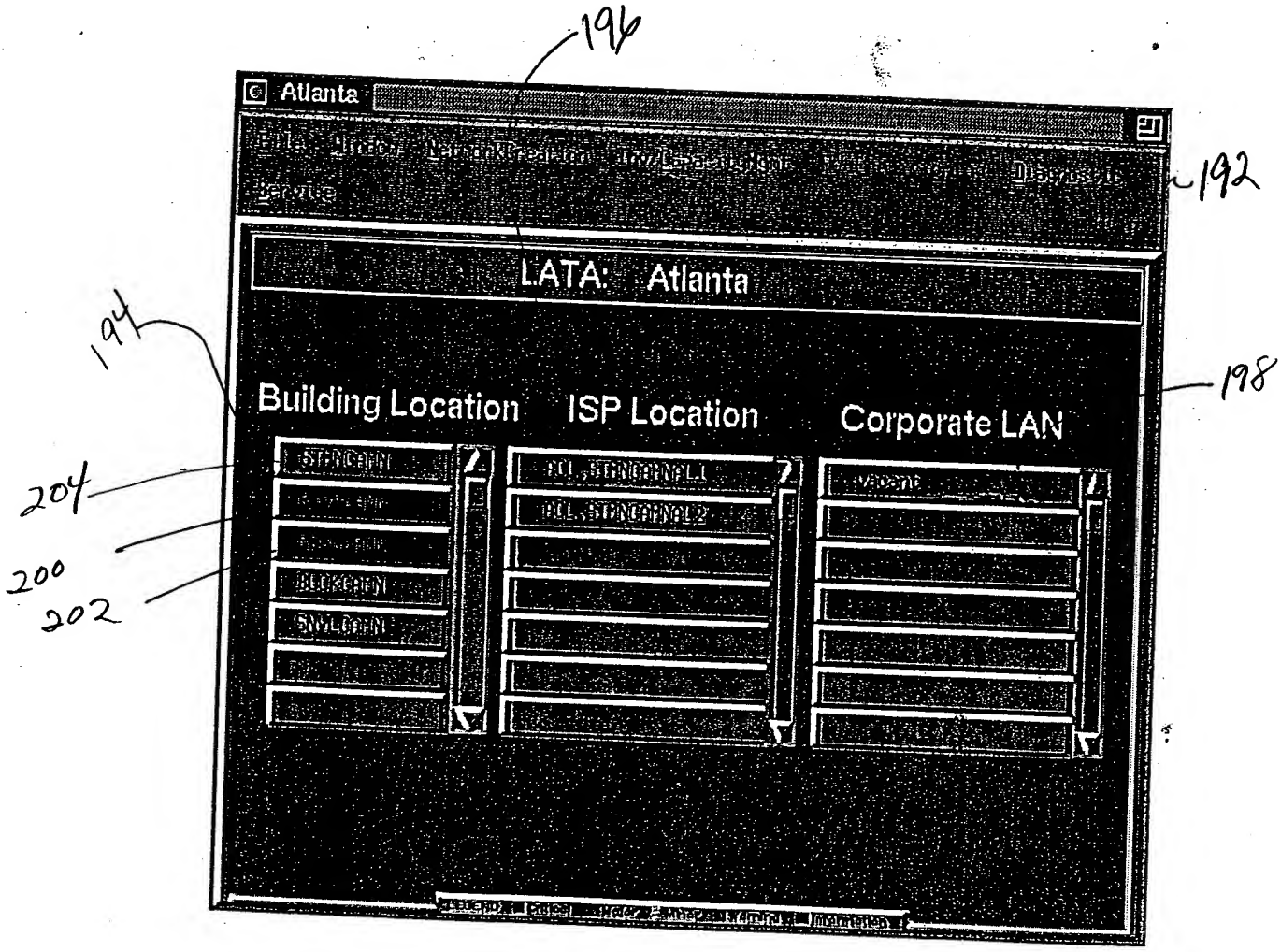

Atlanta
LATA: Atlanta
Building Location
ISP Location
Corporate LAN
196
192
194
198
204
200
202

Fig. 3C

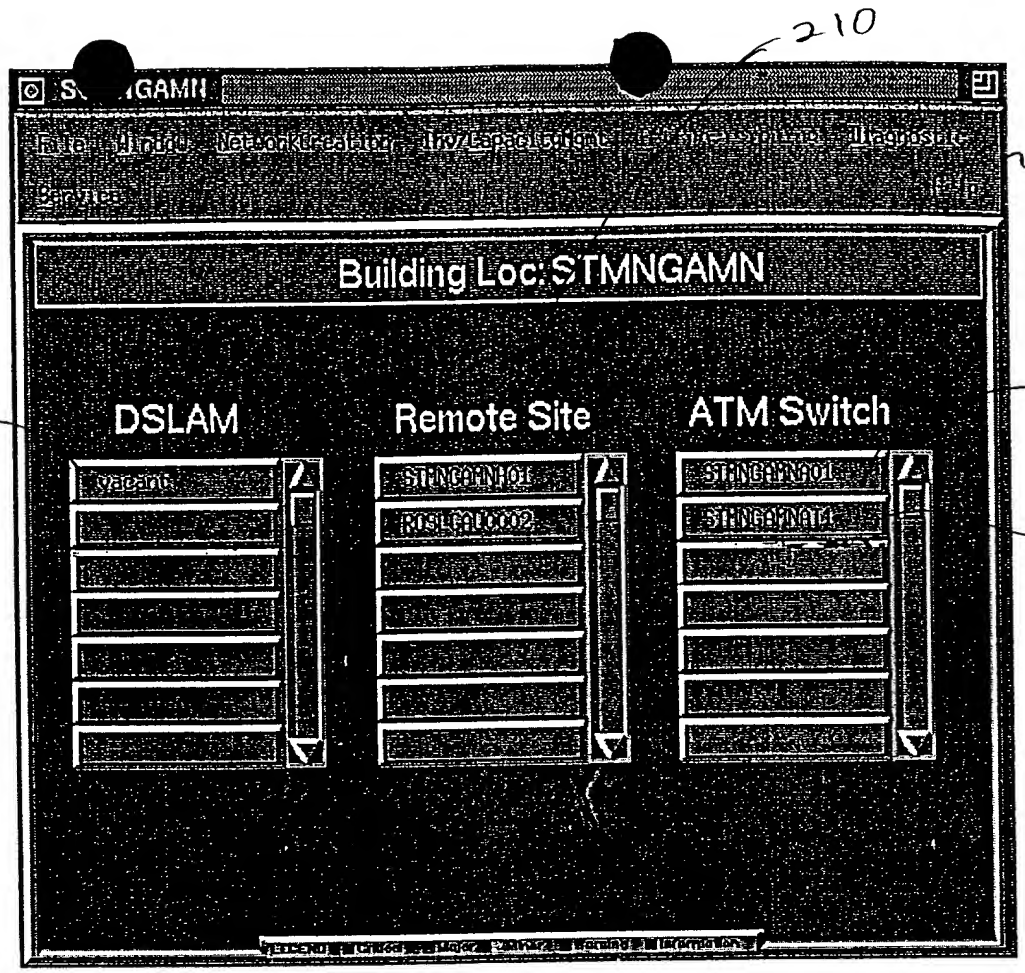


Fig 3D

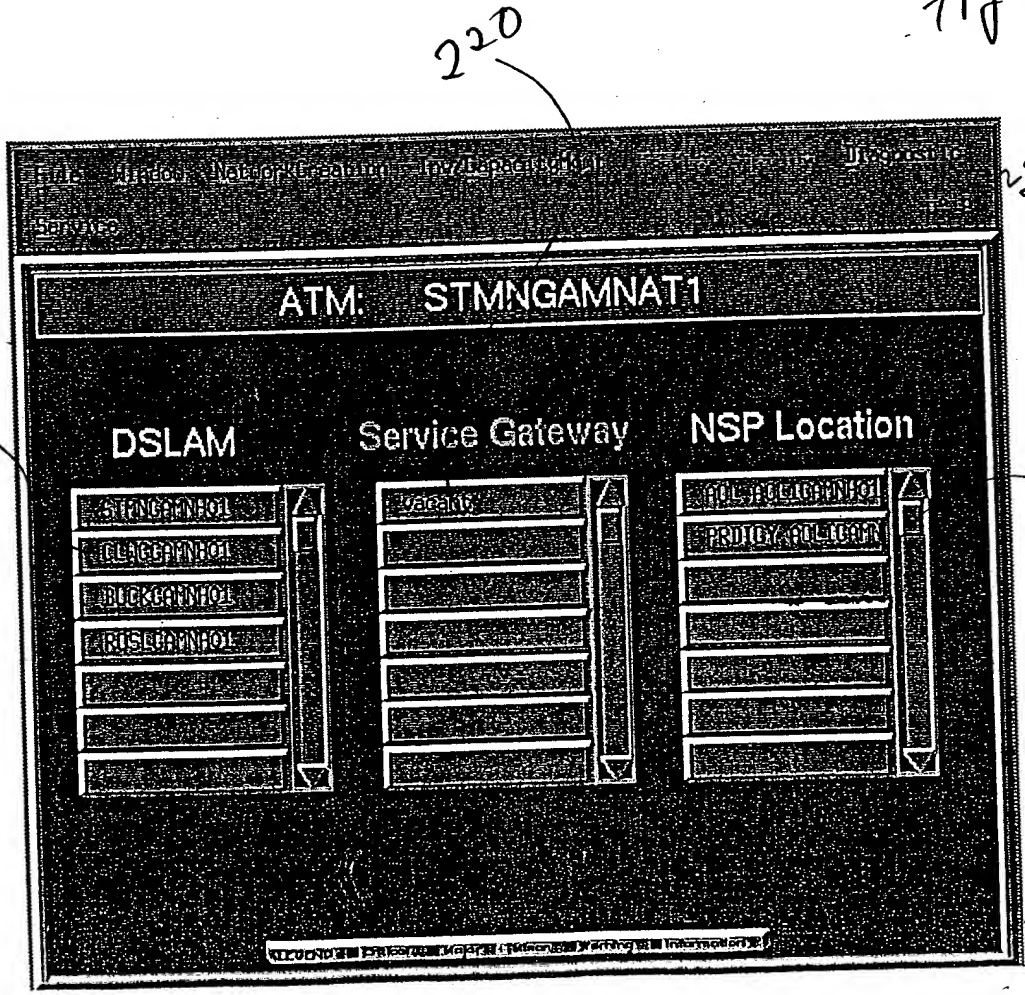
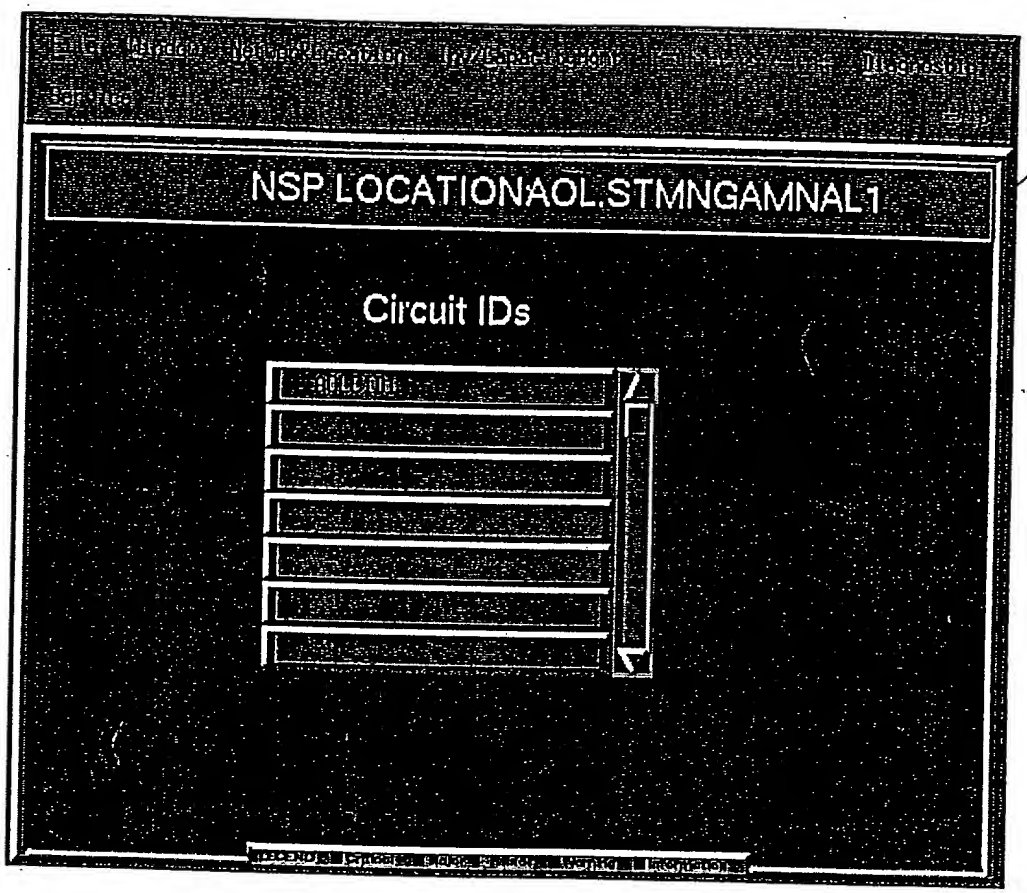


Fig 3

09549580 - 082800

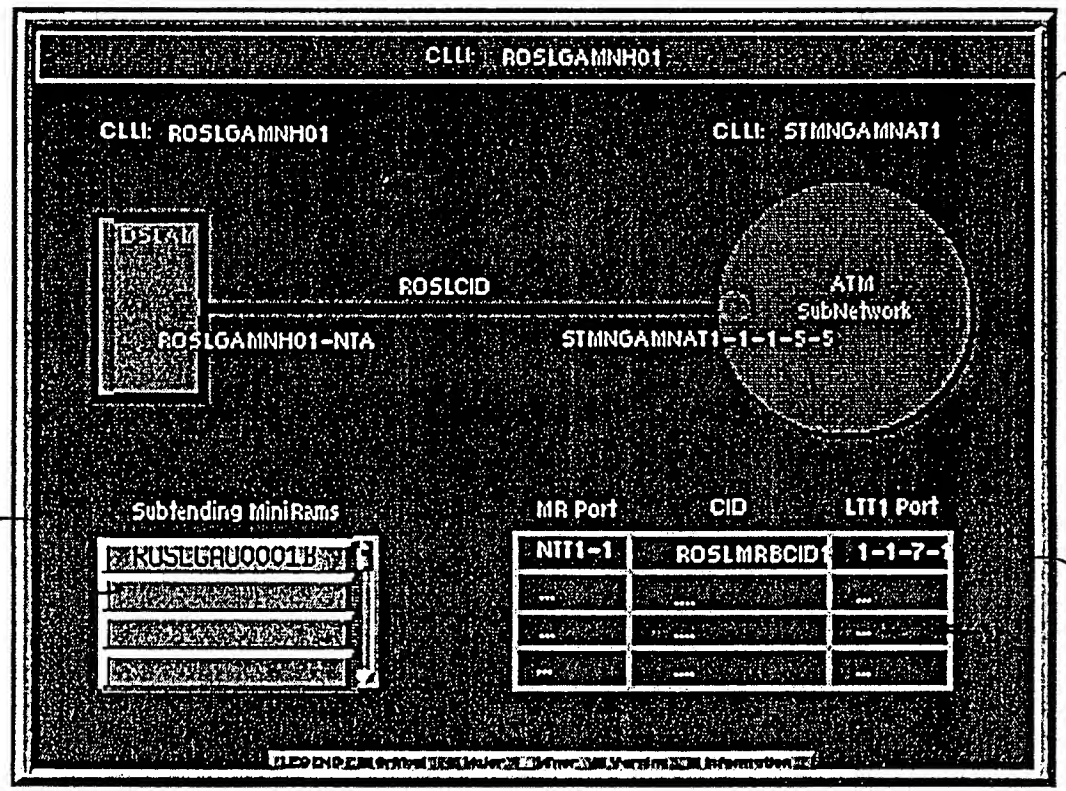
0020980-0000



224

Fig. 3F

008280 "82h6h960

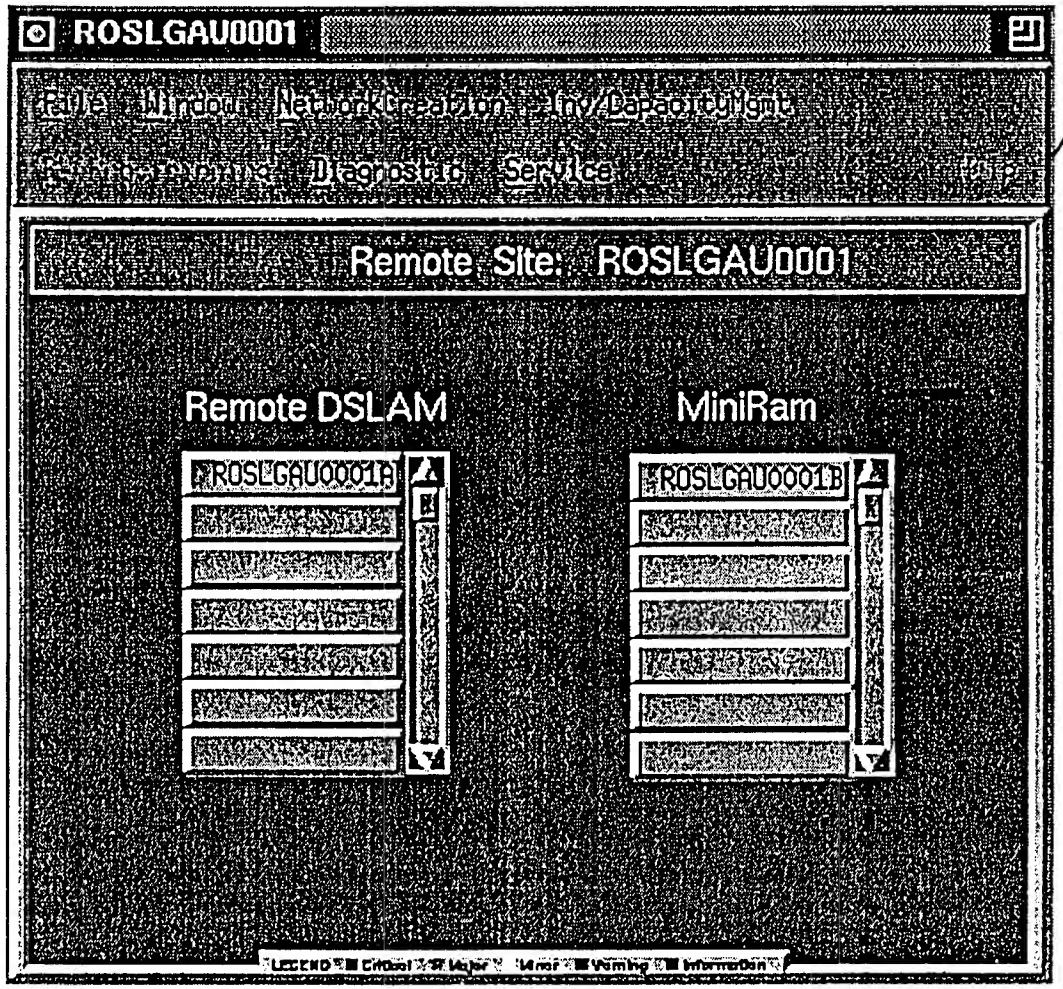


226

228

230

Fig. 3G


ROSLGAU0001
Remote Site: ROSLGAU0001
Remote DSLAM
MiniRam
ROSLGAU0001A
ROSLGAU0001B

232

Fig 3H

008280 "82h6h960

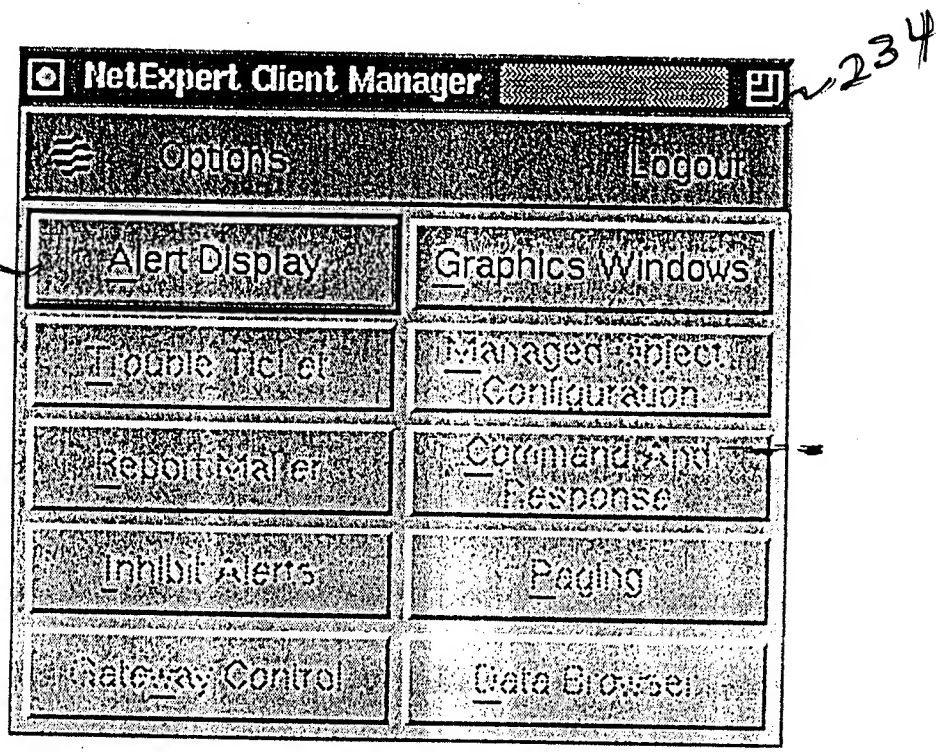


Fig 3I

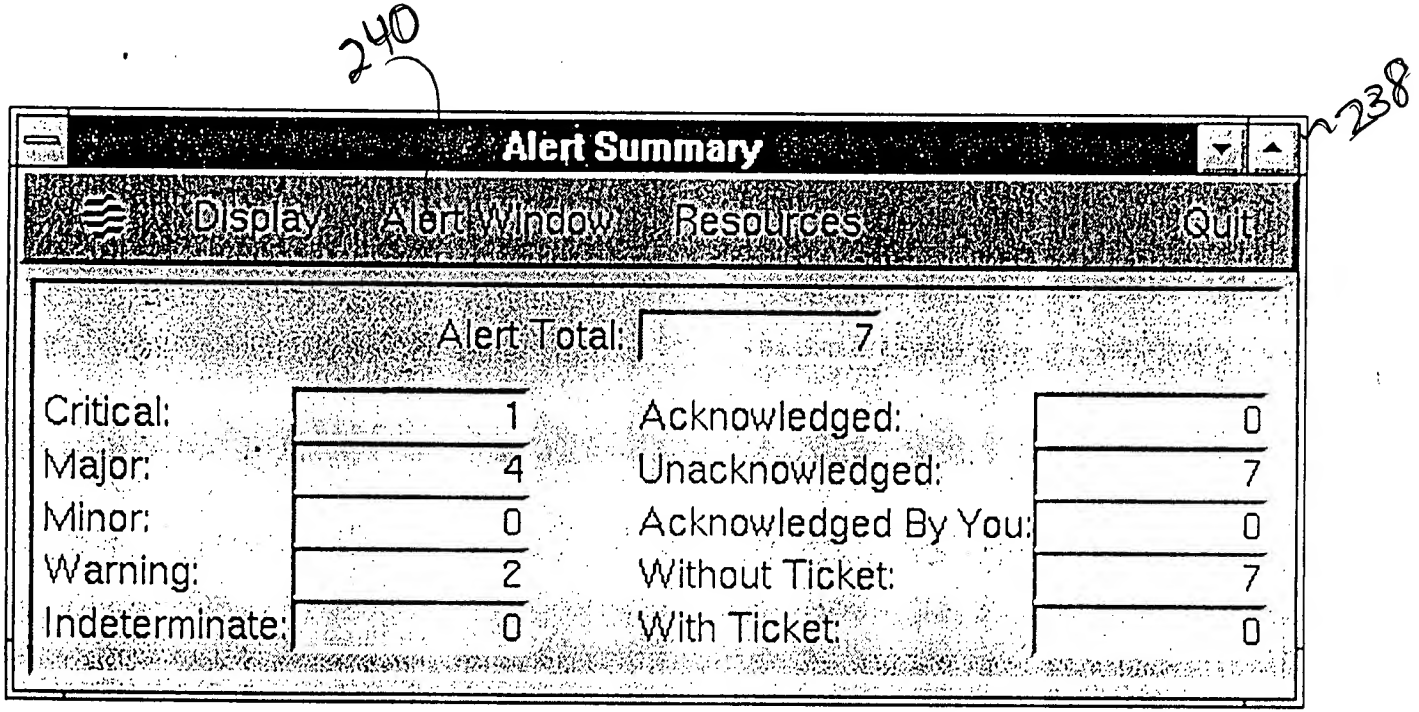

240
238
Alert Summary
Display
Alert Window
Resources
Quit
Alert Total: 7
Critical: 1
Major: 4
Minor: 0
Warning: 2
Indeterminate: 0
Acknowledged: 0
Unacknowledged: 7
Acknowledged By You: 0
Without Ticket: 7
With Ticket: 0

Fig 3J

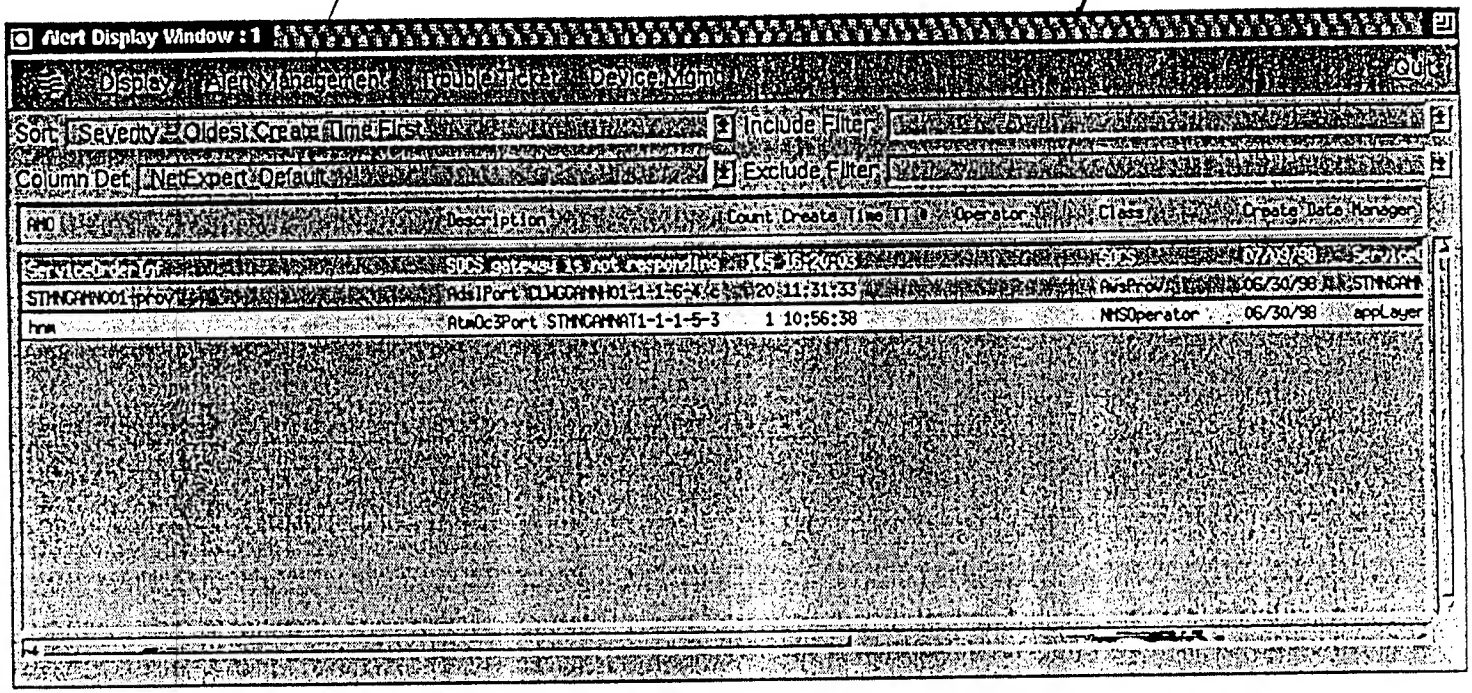
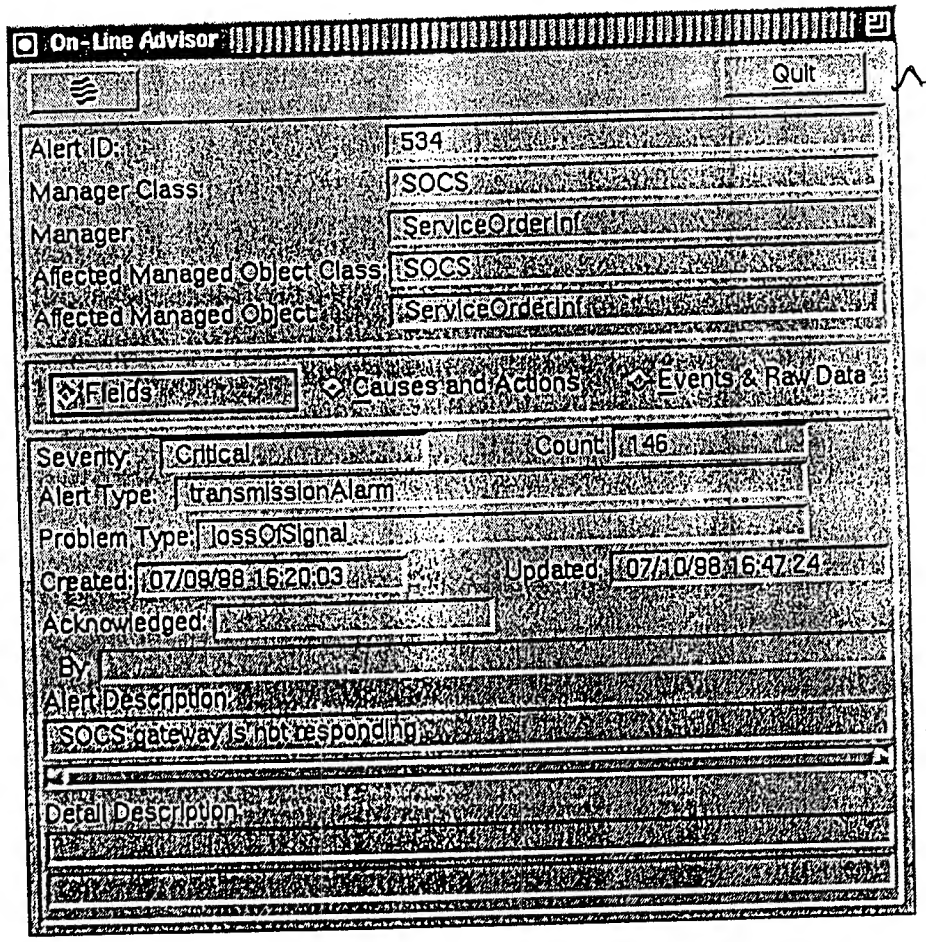

244
242
Alert Display Window : 1
Display
Alert Management
Trouble Ticket
Device Mgmt
Out
Sort
Severity
Oldest Create Time First
Include Filter
Column Def
NetExpert Default
Exclude Filter
Description
Count
Create Time
TT #
Operator
Class
Create Date
Manager
STMNGAMN001
AdslPort
CLNGCAMN01-1-1-6-X
20:11:31:33
06/30/98
STMNGAM
hms
AtmOc3Port
STMNGAMAT1-1-1-5-3
1 10:56:38
NMSOperator
06/30/98
appLayer

Fig. 3K

008280" 8246960



~246

Fig 3A

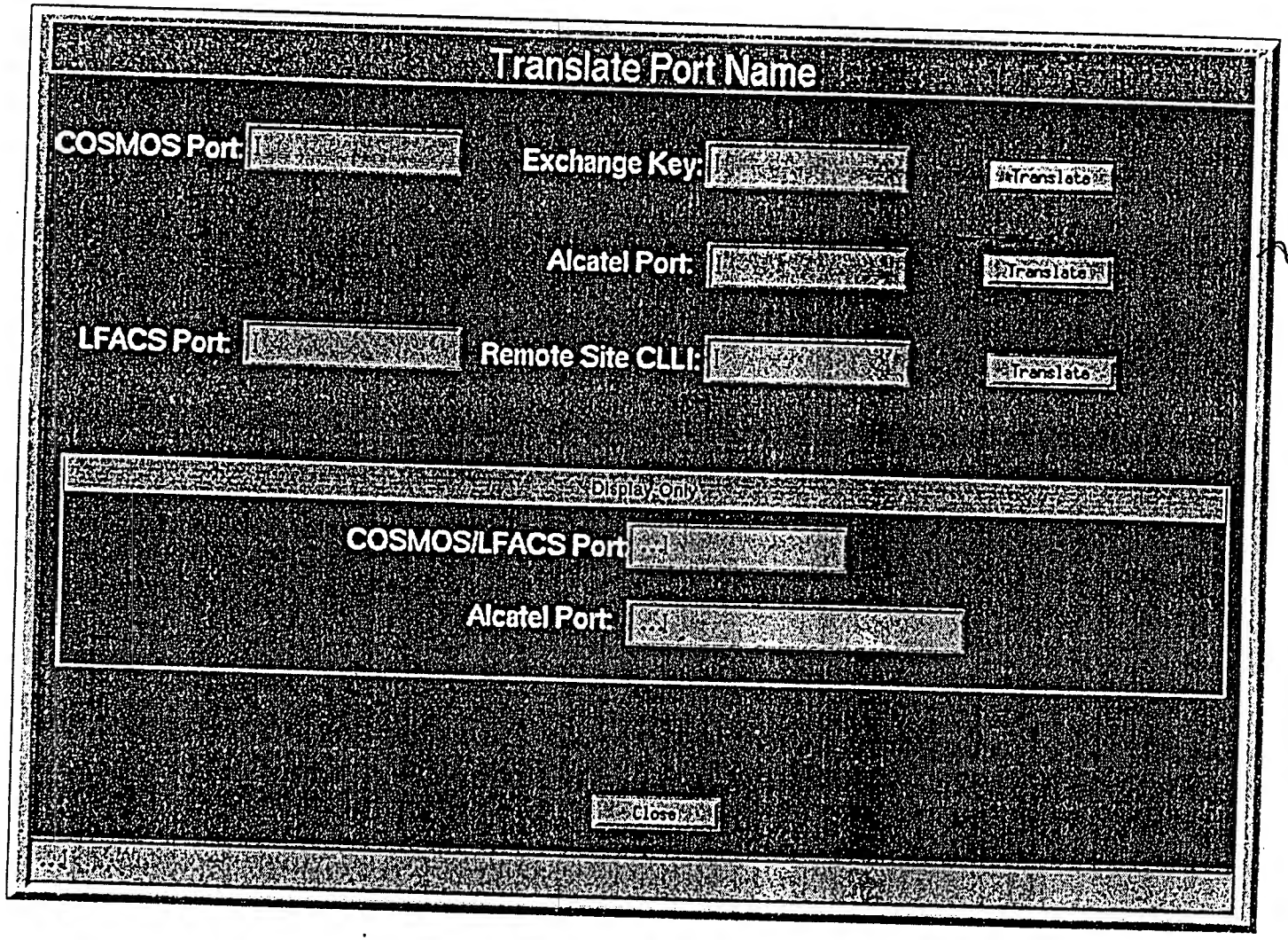
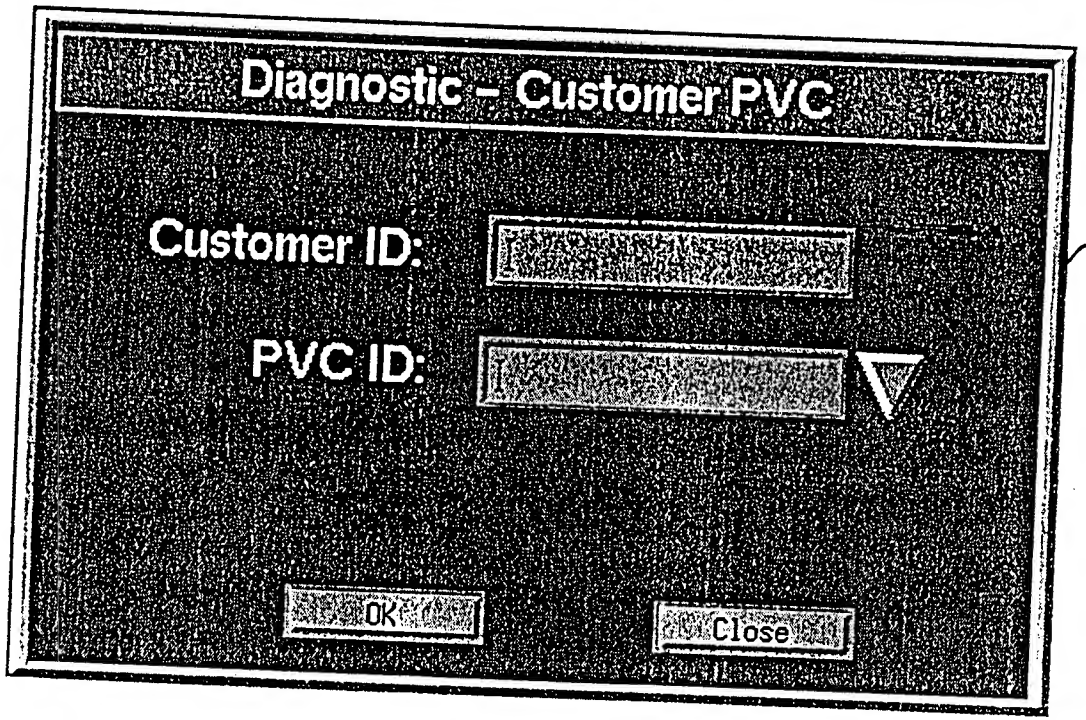
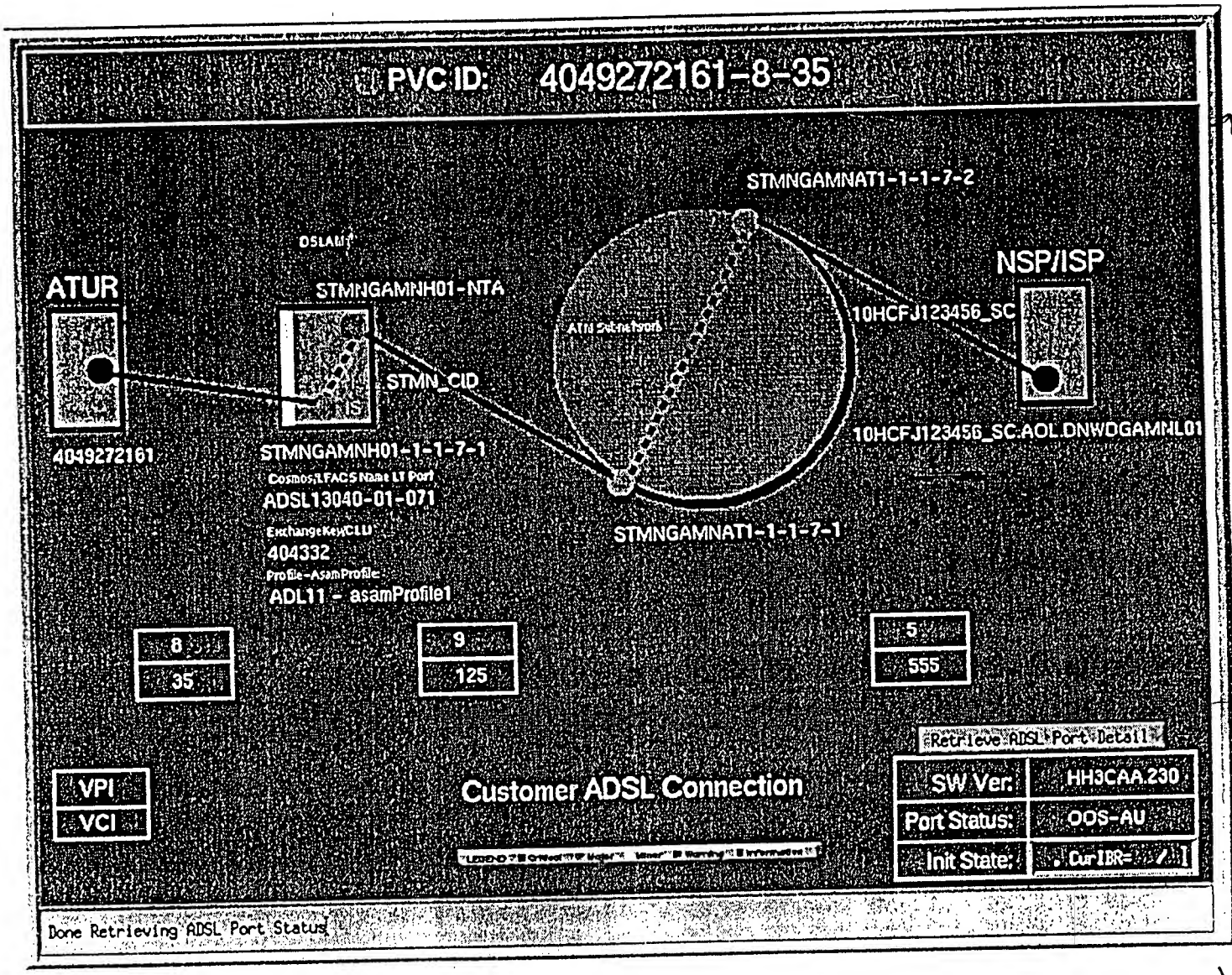

Translate Port Name
COSMOS Port:
Exchange Key:
Translate
Alcatel Port:
Translate
LFACS Port:
Remote Site CLLI:
Translate
Display Only
COSMOS/LFACS Port:
Alcatel Port:
Close
250

Fig 4A



252

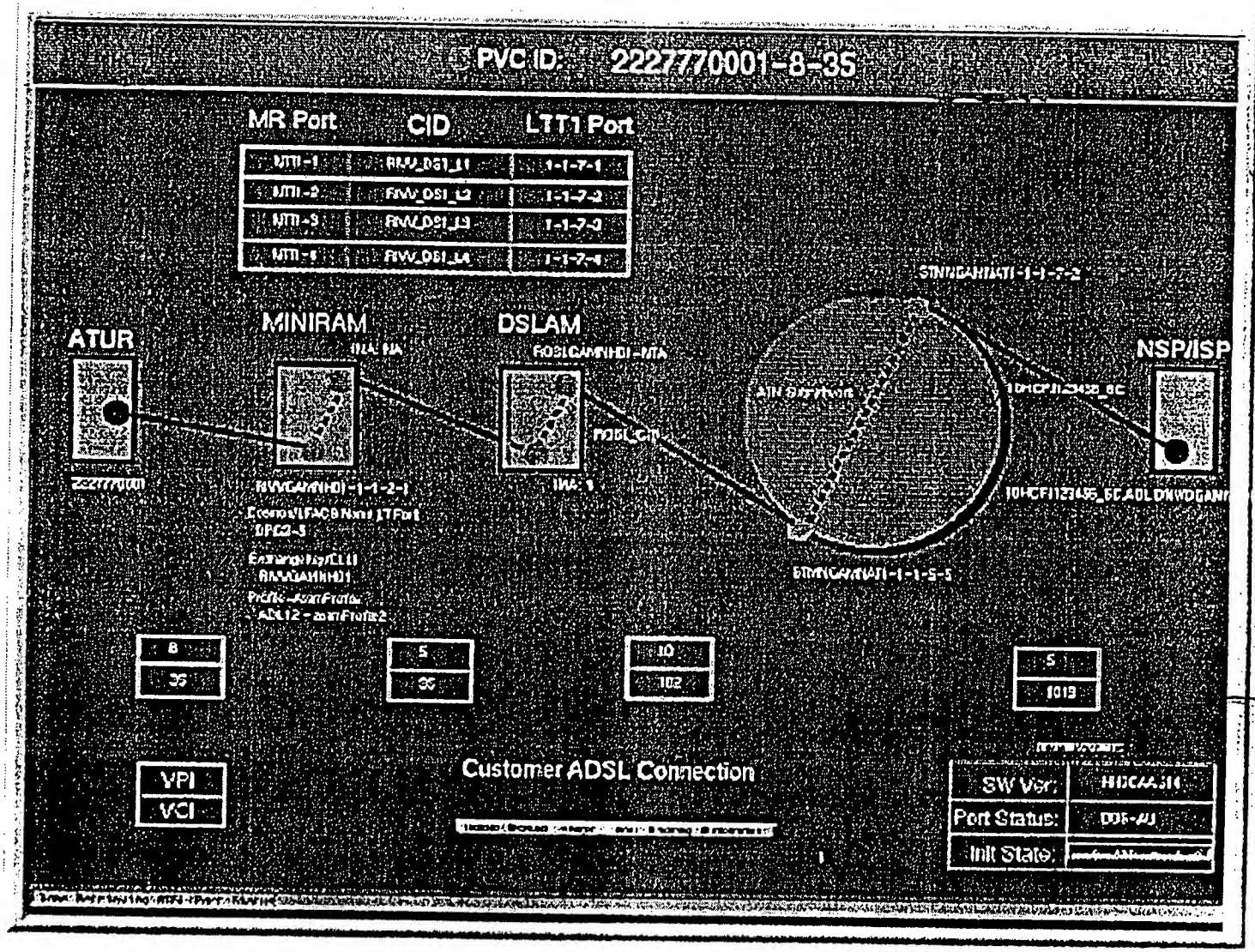
Fig. 4B



254

256

Fig. 4C

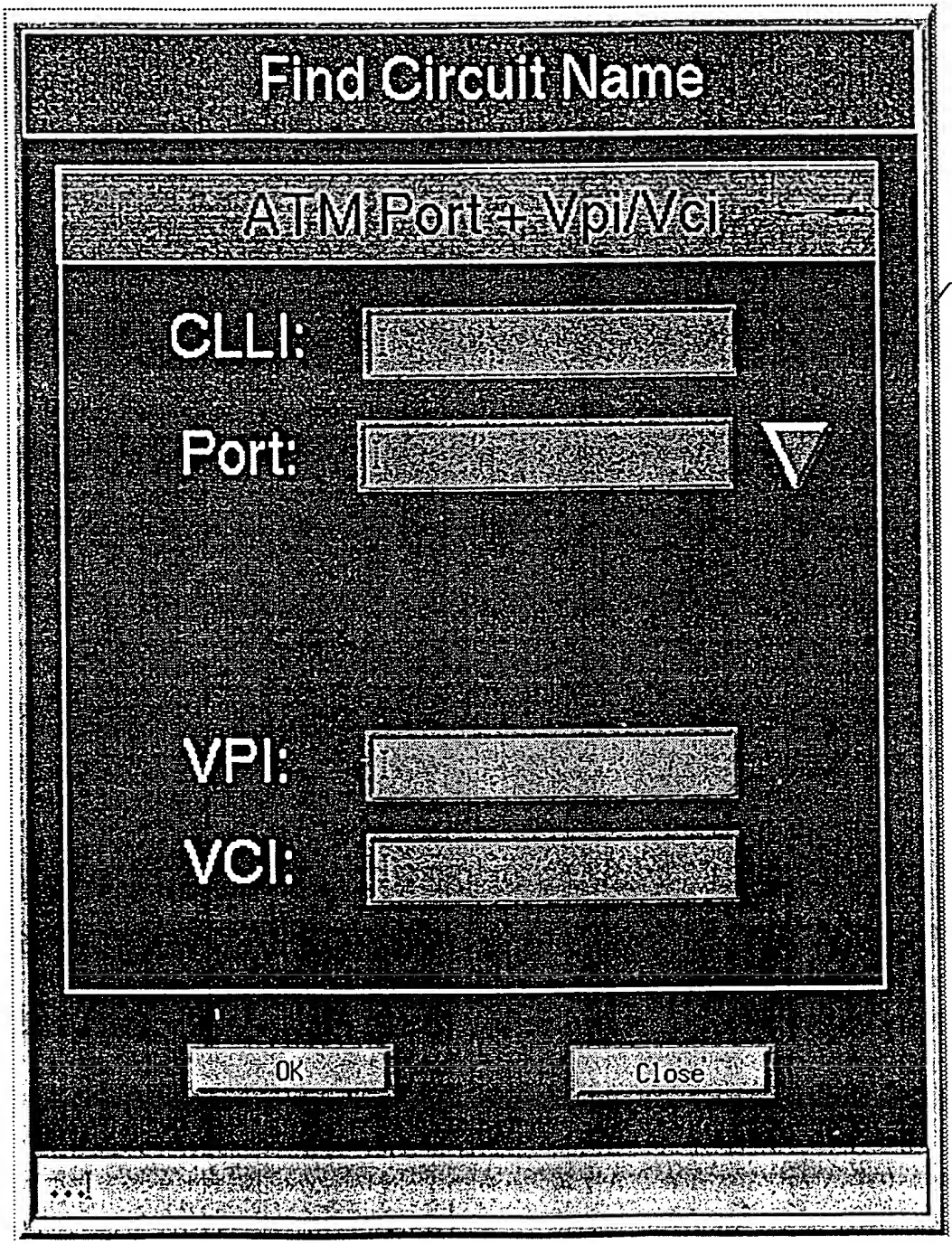


258

260

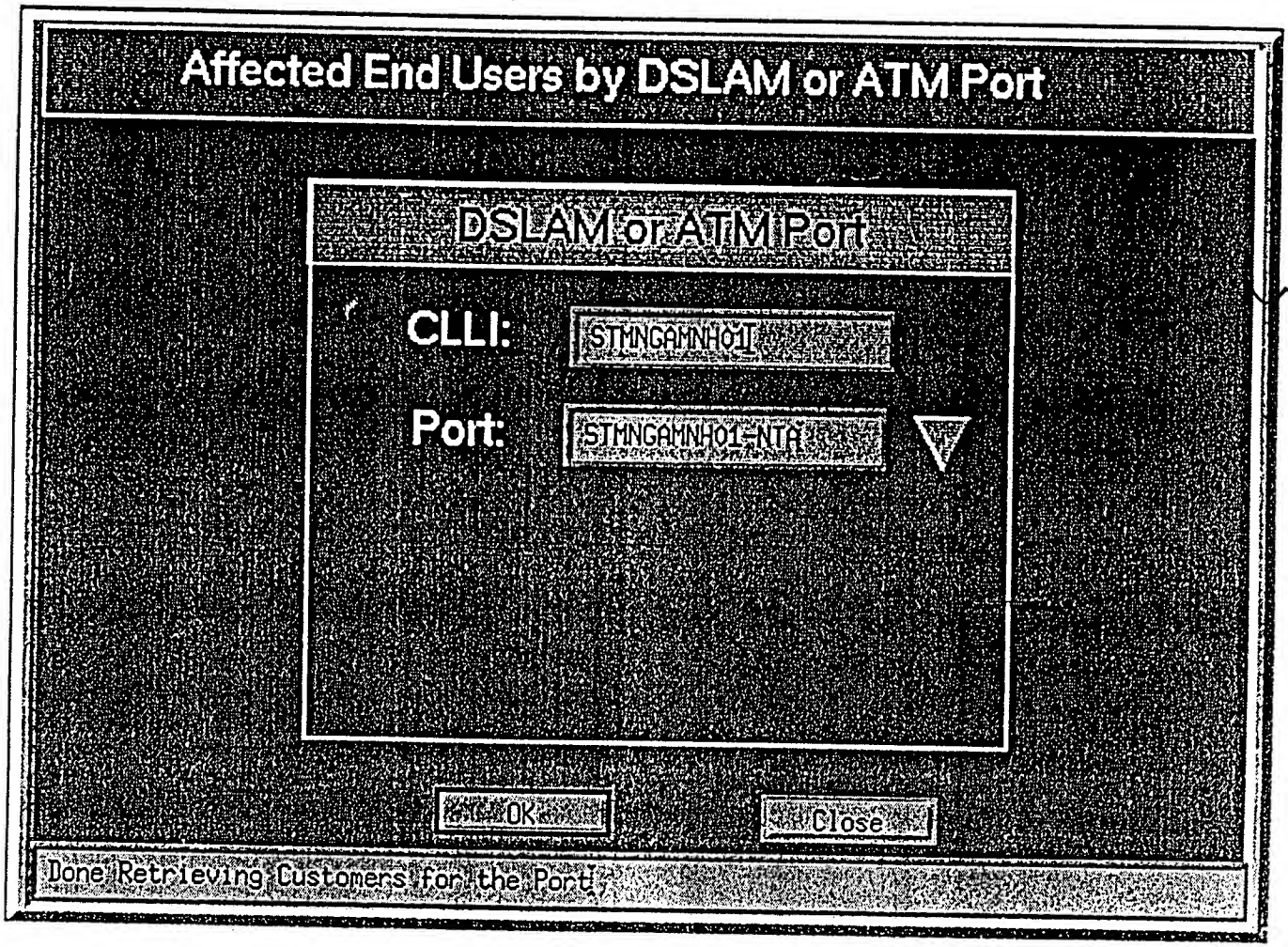
Fig. 4D

08094768.0080



~262

Fig 4E


Affected End Users by DSLAM or ATM Port
DSLAM or ATM Port
CLLI:
STMNGAMNHO1T
Port:
STMNGAMNHO1-NTA
OK
Close
Done Retrieving Customers for the Port

264

Fig. 4F

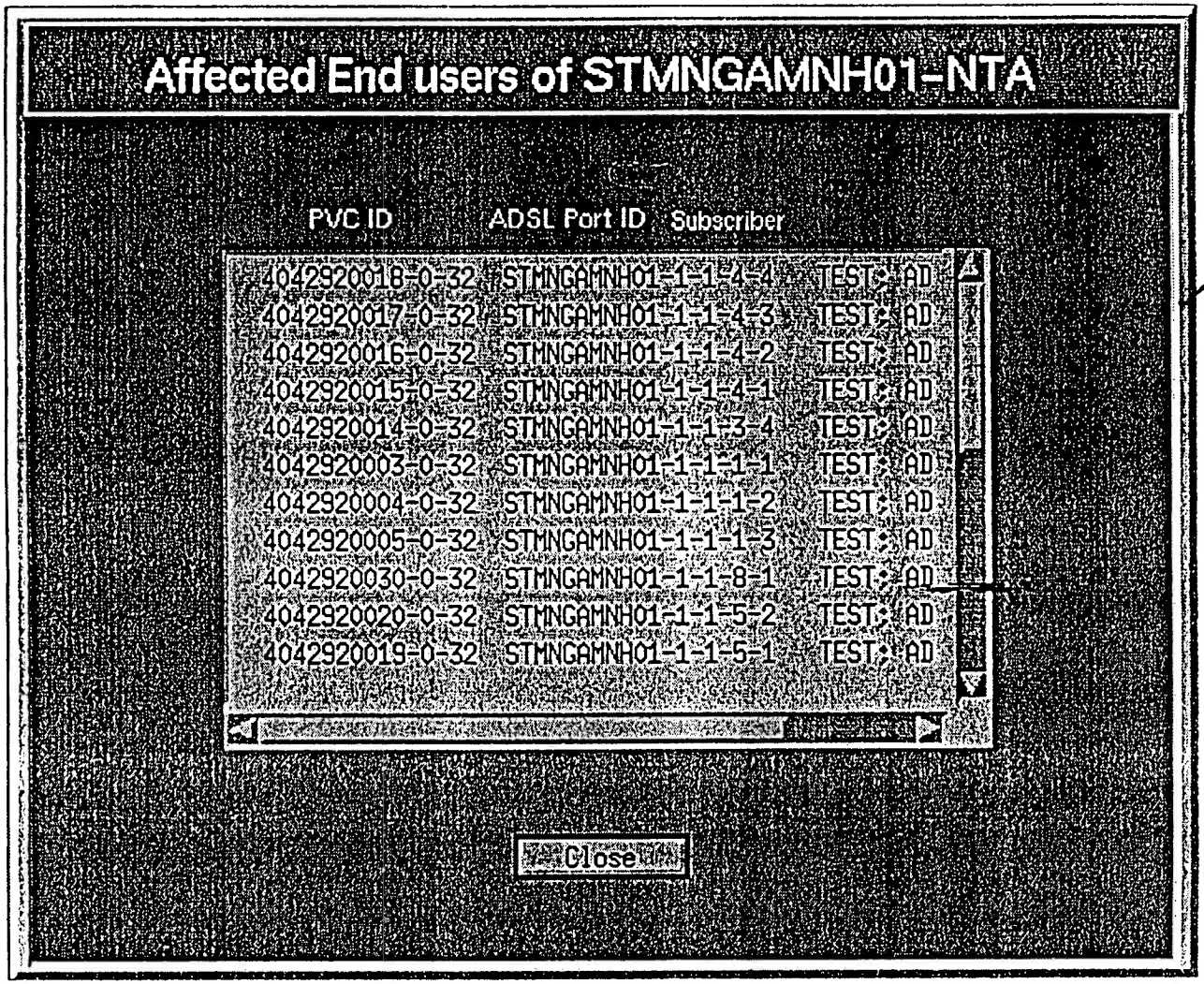
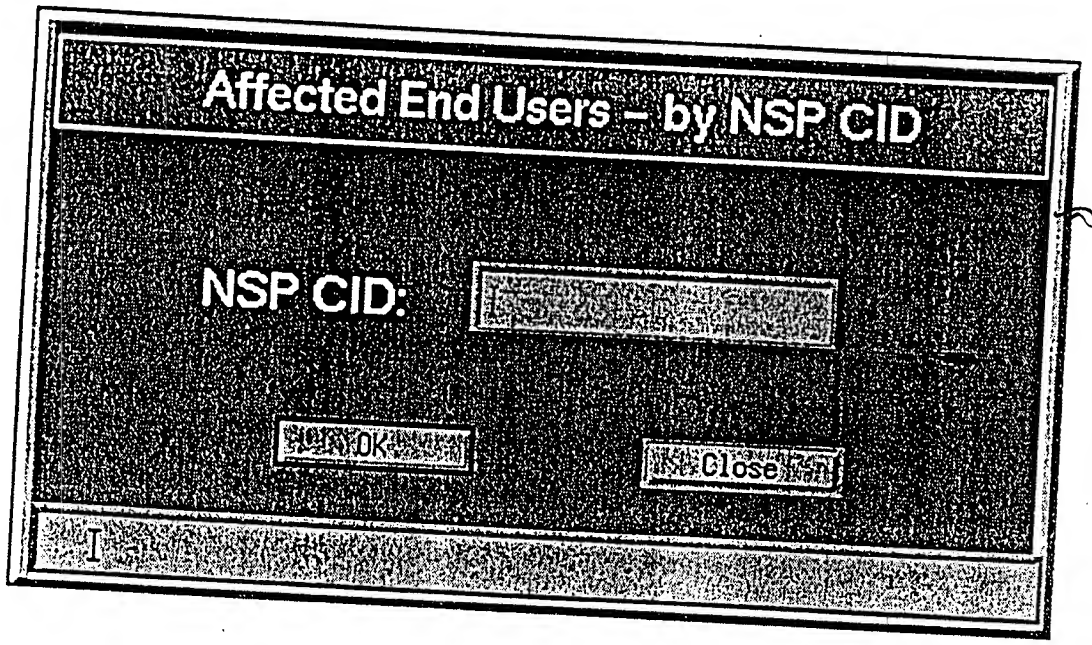
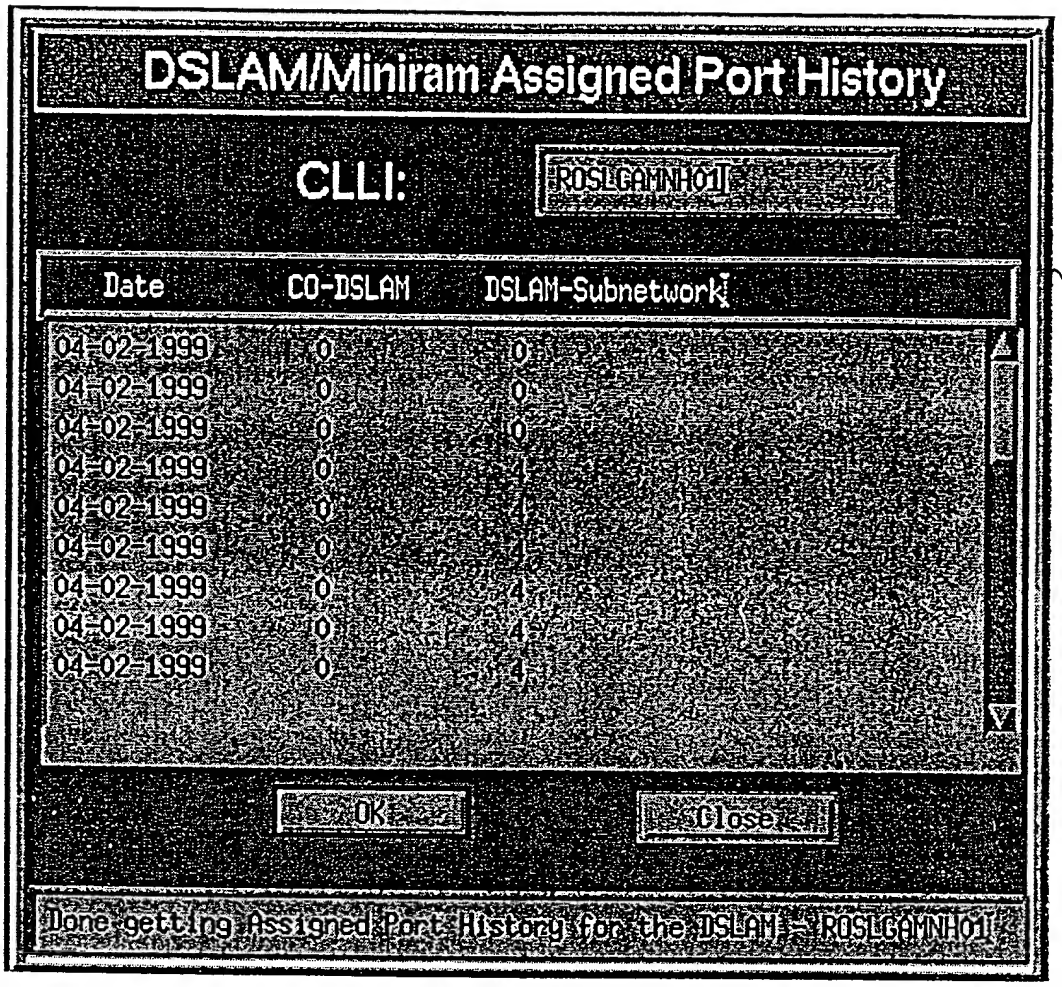

Affected End users of STMNGAMNH01-NTA
PVC ID
ADSL Port ID
Subscriber
4042920018-0-32 STMNGAMNH01-1-1-4-4 TEST: AD
4042920017-0-32 STMNGAMNH01-1-1-4-3 TEST: AD
4042920016-0-32 STMNGAMNH01-1-1-4-2 TEST: AD
4042920015-0-32 STMNGAMNH01-1-1-4-1 TEST: AD
4042920014-0-32 STMNGAMNH01-1-1-3-4 TEST: AD
4042920003-0-32 STMNGAMNH01-1-1-1-1 TEST: AD
4042920004-0-32 STMNGAMNH01-1-1-1-2 TEST: AD
4042920005-0-32 STMNGAMNH01-1-1-1-3 TEST: AD
4042920030-0-32 STMNGAMNH01-1-1-8-1 TEST: AD
4042920020-0-32 STMNGAMNH01-1-1-5-2 TEST: AD
4042920019-0-32 STMNGAMNH01-1-1-5-1 TEST: AD
Close

Fig 4G



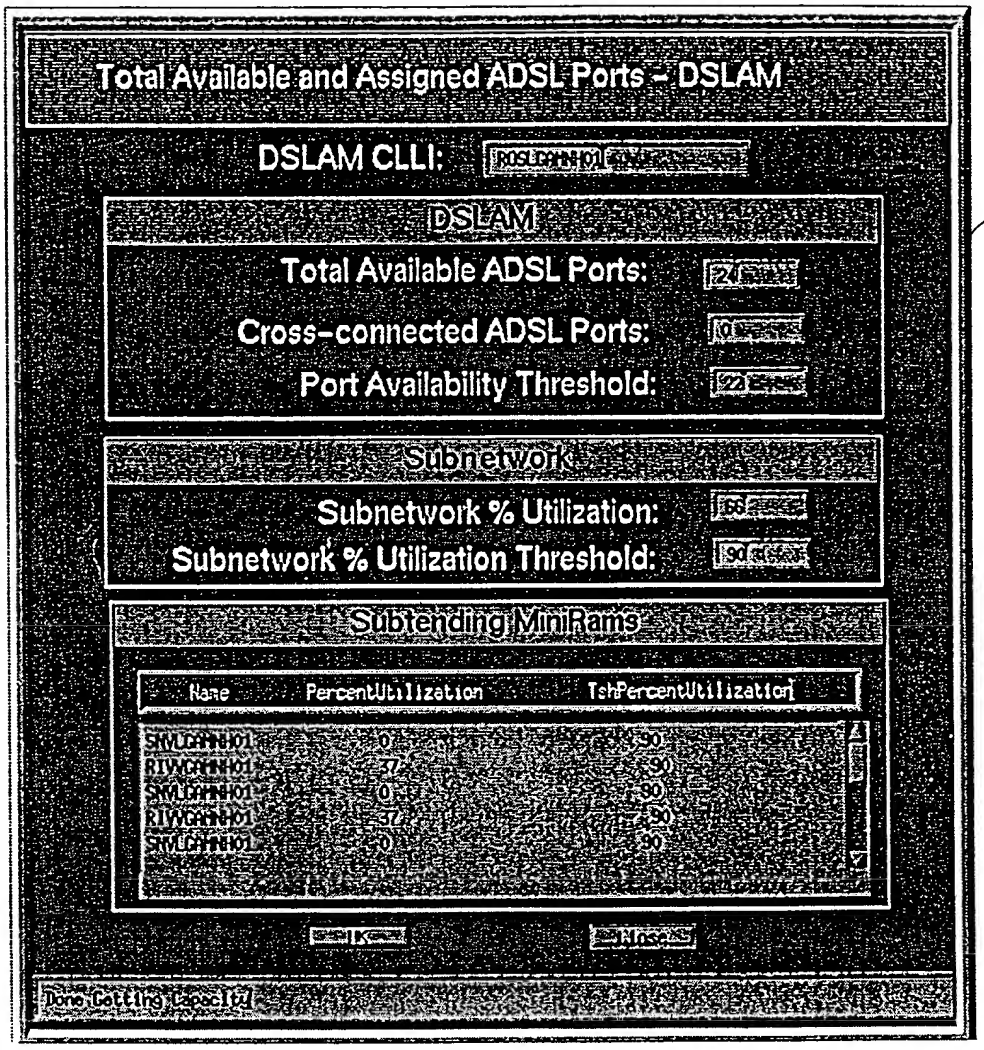
~268

Fig. 9H


DSLAM/Miniram Assigned Port History
CLLI:
ROSLGAMNH01
Date
CO-DSLAM
DSLAM-Subnetwork
04-02-1999 0 0
04-02-1999 0 0
04-02-1999 0 0
04-02-1999 0 4
04-02-1999 0 4
04-02-1999 0 4
04-02-1999 0 4
04-02-1999 0 4
04-02-1999 0 4
OK
Close
Done getting Assigned Port History for the DSLAM - ROSLGAMNH01

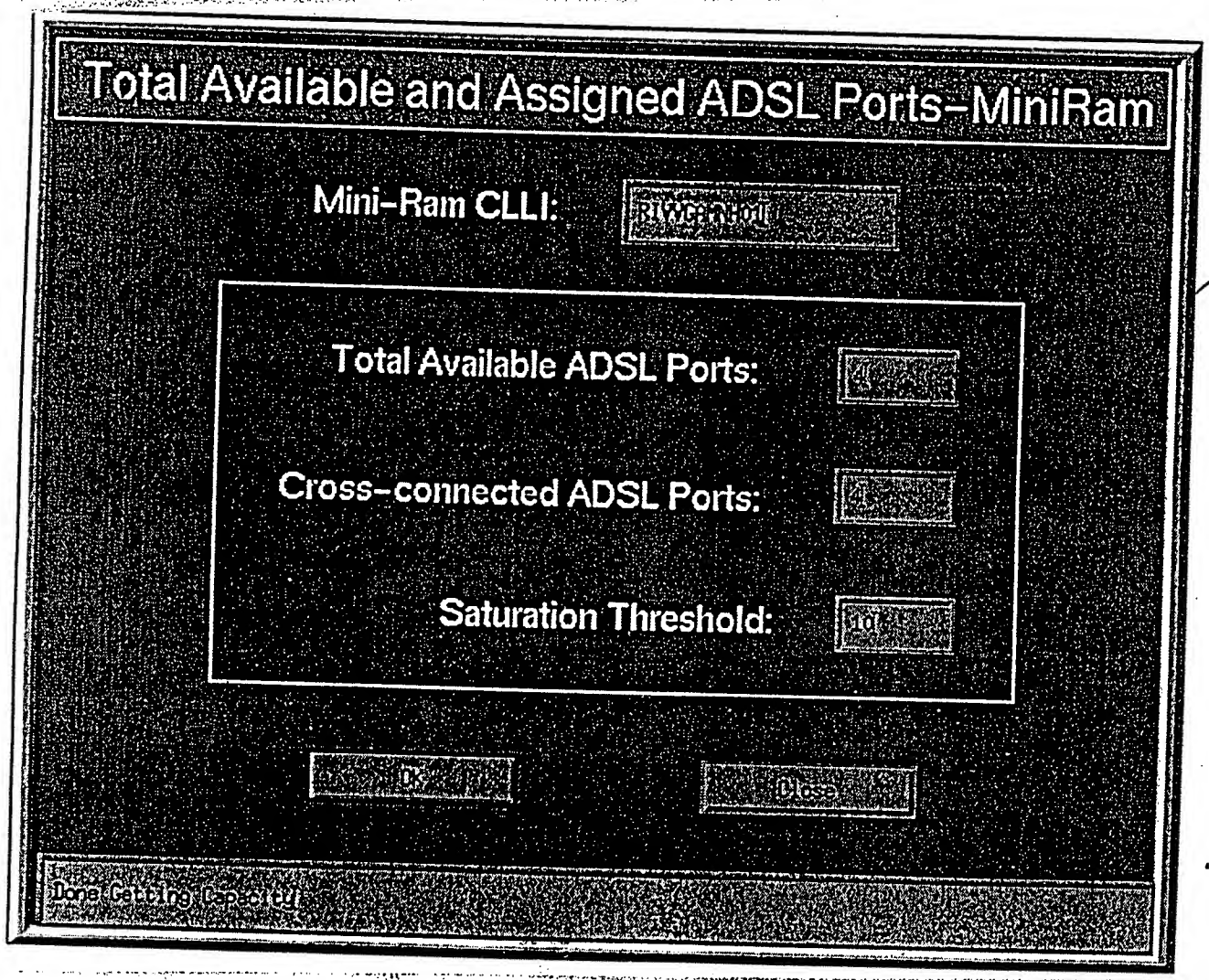
270

Fig. 5A


Total Available and Assigned ADSL Ports - DSLAM
DSLAM CLLI:
DSLAM
Total Available ADSL Ports:
Cross-connected ADSL Ports:
Port Availability Threshold:
Subnetwork
Subnetwork % Utilization:
Subnetwork % Utilization Threshold:
Subtending MiniRams
Name
PercentUtilization
TshPercentUtilization
OK
Cancel
Done Getting Layout

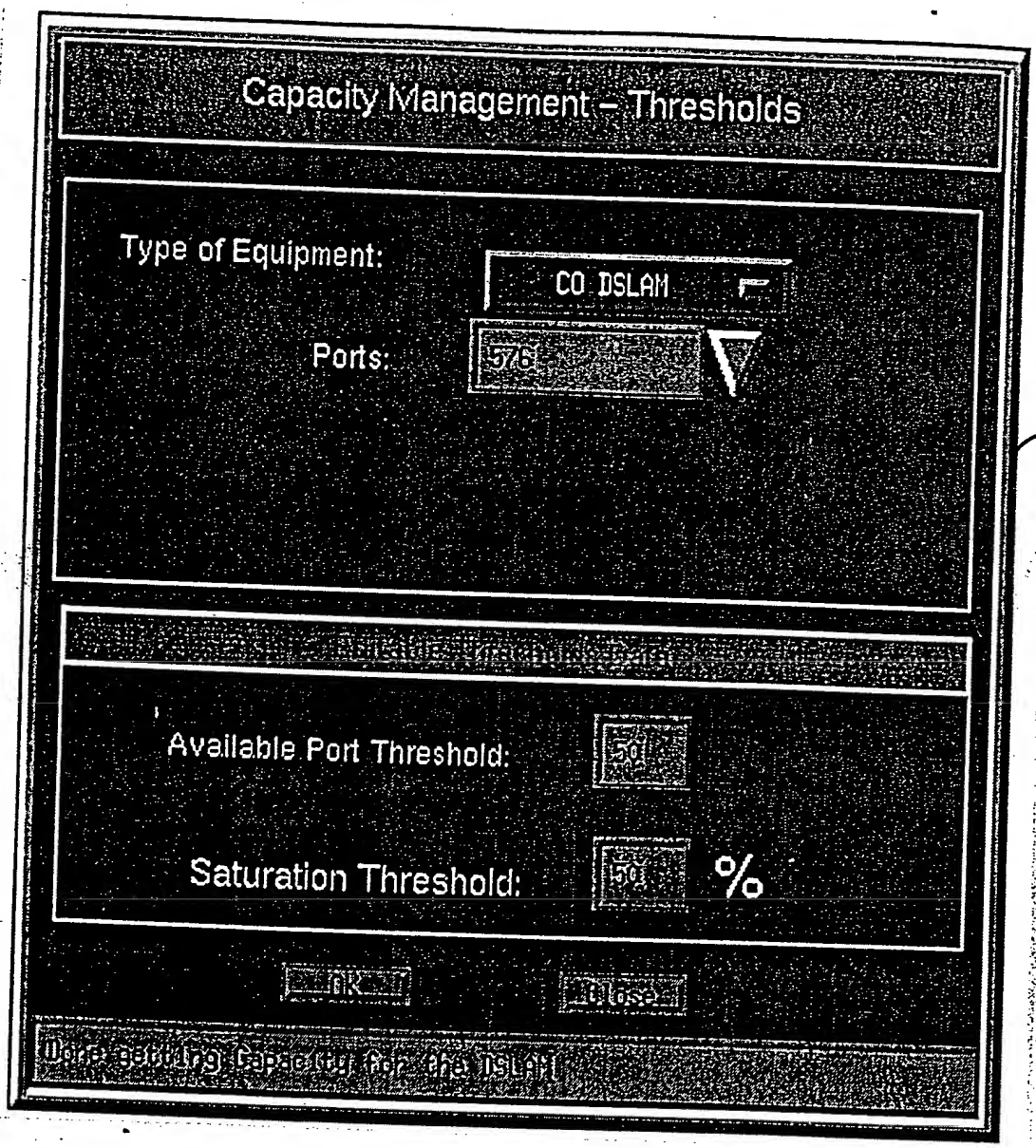
272

Fig. 5B


Total Available and Assigned ADSL Ports-MiniRam
Mini-Ram CLLI:
Total Available ADSL Ports:
Cross-connected ADSL Ports:
Saturation Threshold:
Close
Done Getting Capacity

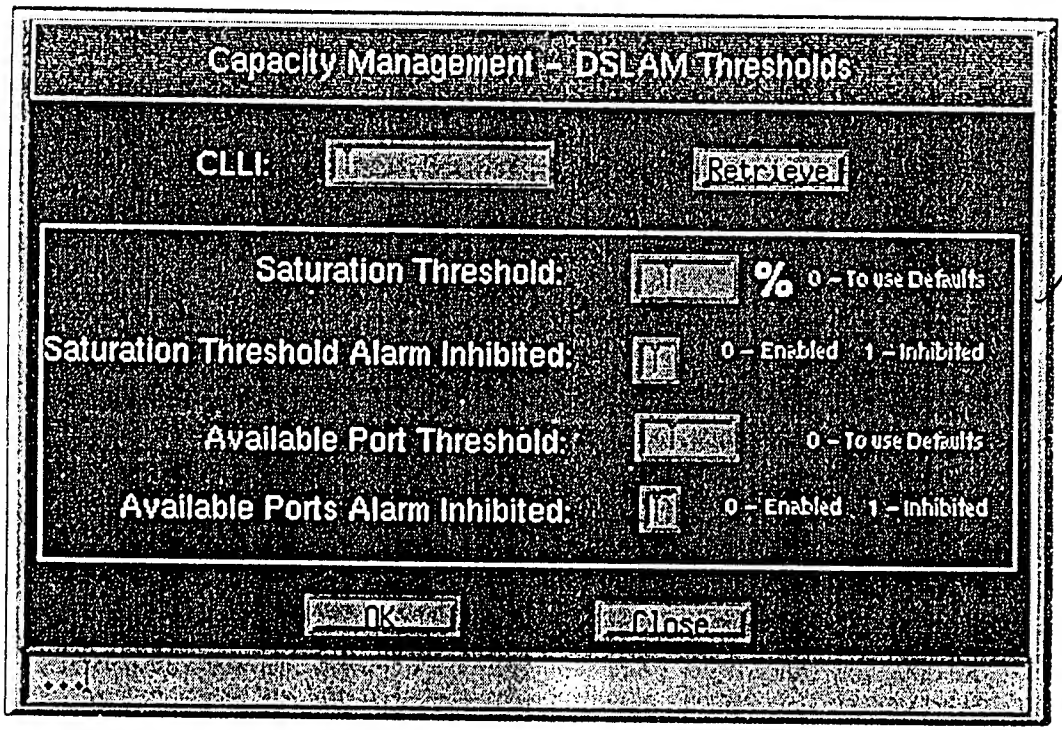
~274

Fig. 5C


Capacity Management – Thresholds
Type of Equipment:
CO DSLAM
Ports:
576
Available Port Threshold:
50
Saturation Threshold:
90
%
OK
Close

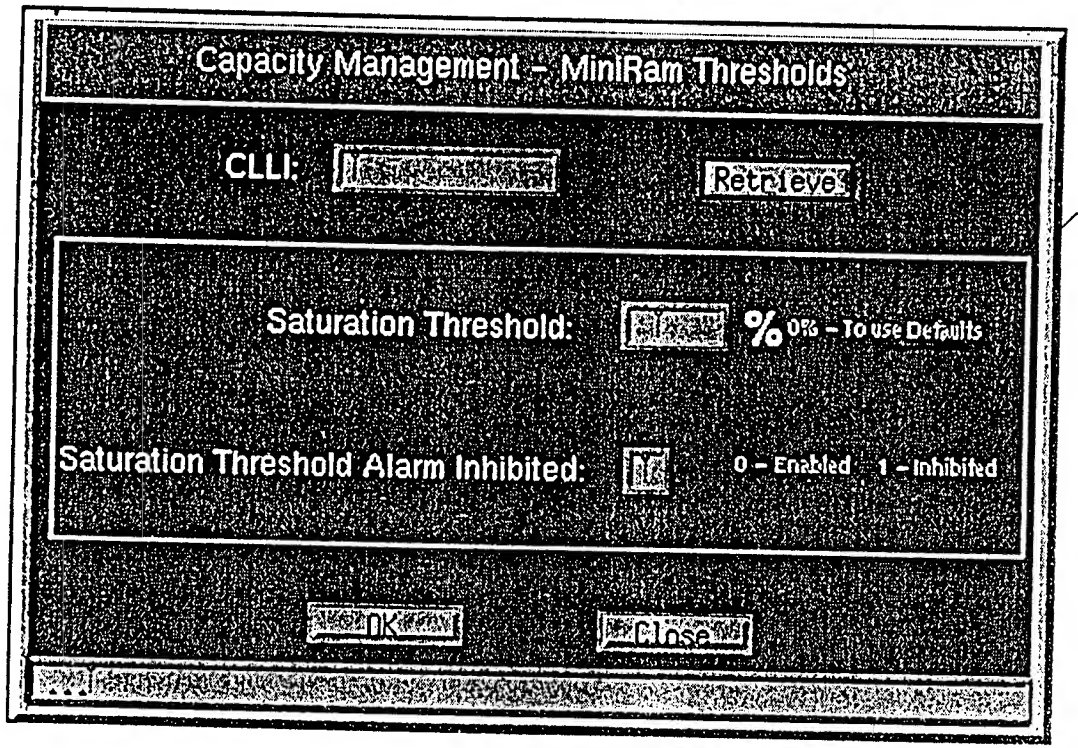
2216

Fig. 5D


Capacity Management – DSLAM Thresholds
CLLI:
Retrieve
Saturation Threshold:
%
0 – To use Defaults
Saturation Threshold Alarm Inhibited:
0 – Enabled
1 – Inhibited
Available Port Threshold:
0 – To use Defaults
Available Ports Alarm Inhibited:
0 – Enabled
1 – Inhibited
OK
Close

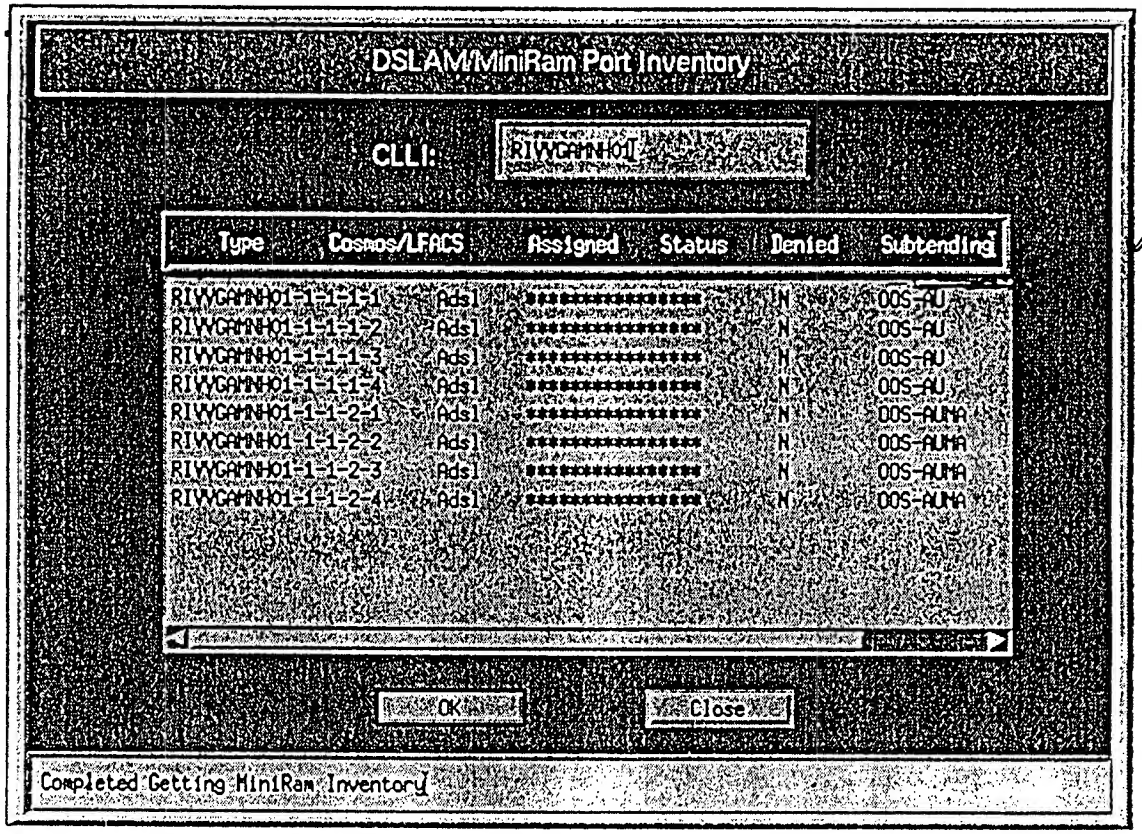
278

Fig. 5E


Capacity Management – MiniRam Thresholds
CLLI:
Retrieve
Saturation Threshold:
% 0% – To use Defaults
Saturation Threshold Alarm Inhibited:
0 – Enabled 1 – Inhibited
OK
Close

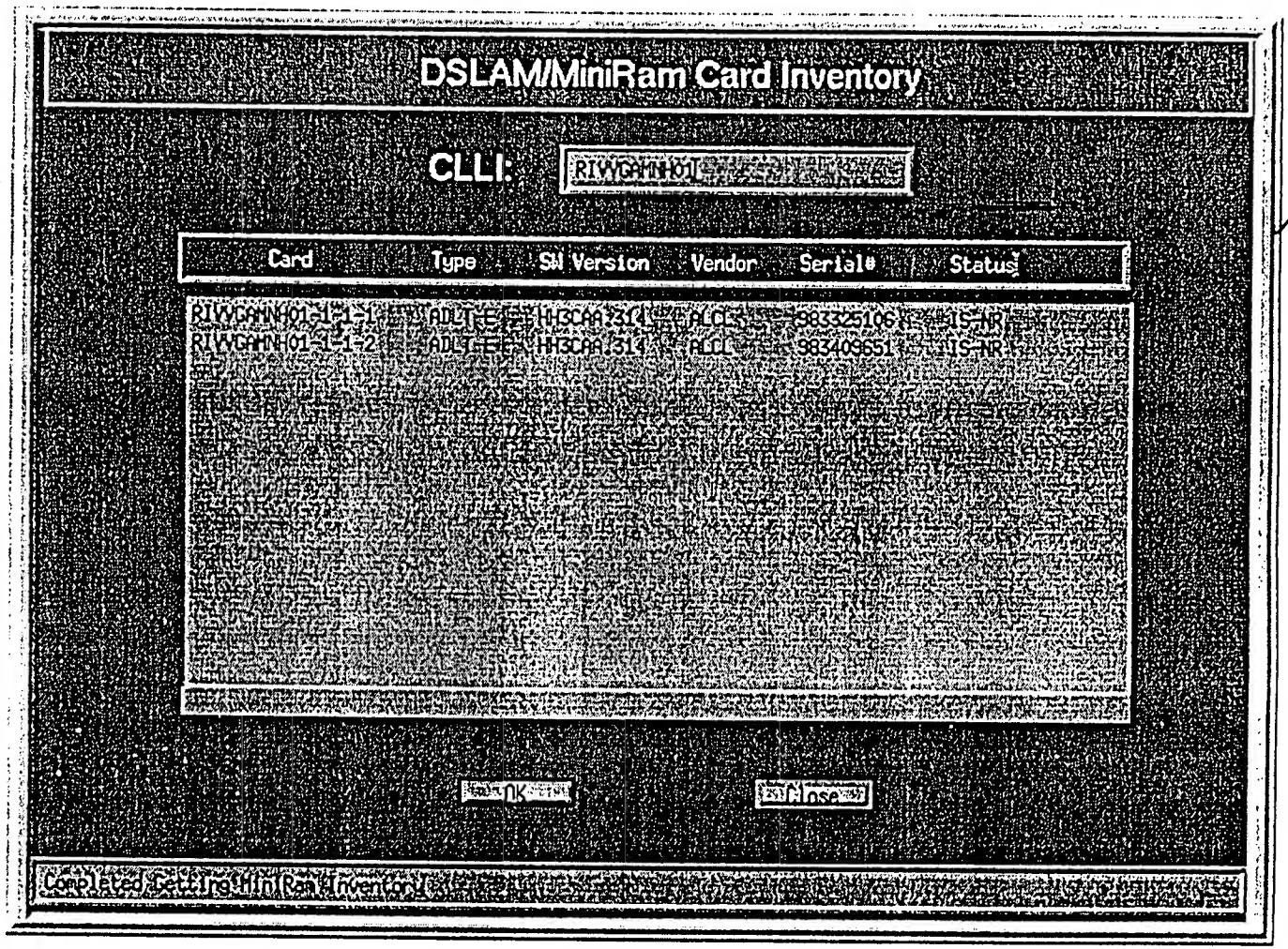
~280

Fig 5F


DSLAM/MiniRam Port Inventory
CLLI:
RIVVGAMNH01
Type
Cosmos/LFACS
Assigned
Status
Denied
Subtending
RIVVGAMNH01-1-1-1-1 Adsl N OOS-AU
RIVVGAMNH01-1-1-1-2 Adsl N OOS-AU
RIVVGAMNH01-1-1-1-3 Adsl N OOS-AU
RIVVGAMNH01-1-1-1-4 Adsl N OOS-AU
RIVVGAMNH01-1-1-2-1 Adsl N OOS-AUMA
RIVVGAMNH01-1-1-2-2 Adsl N OOS-AUMA
RIVVGAMNH01-1-1-2-3 Adsl N OOS-AUMA
RIVVGAMNH01-1-1-2-4 Adsl N OOS-AUMA
OK
Close
Completed Getting MiniRam Inventory

282

Fig 5G


DSLAM/MiniRam Card Inventory
CLLI:
RIWGAHNH01
Card
Type
SW Version
Vendor
Serial#
Status
RIWGAHNH01-1-1-1
ADLT-E1E
H3CAA7314
ALCL
983325106
IS-NR
RIWGAHNH01-1-1-2
ADLT-E1E
H3CAA7314
ALCL
983409651
IS-NR
OK
Close
Completed Getting MiniRam Inventory

5284

Fig. 5H

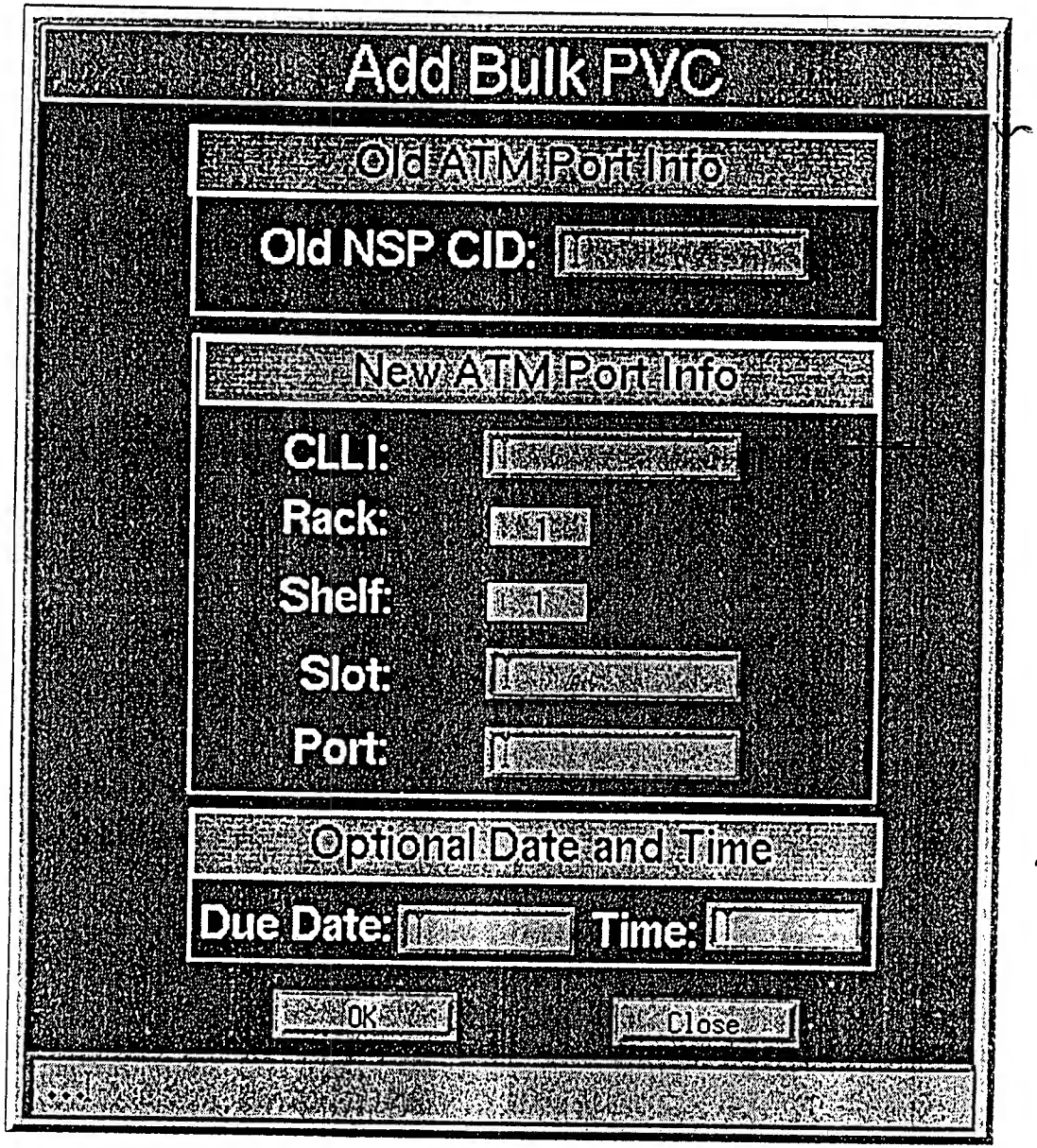

Add Bulk PVC
286
Old ATM Port Info
Old NSP CID:
New ATM Port Info
CLLI:
Rack:
1
Shelf:
1
Slot:
Port:
Optional Date and Time
Due Date:
Time:
OK
Close

Fig. 6A

008280" 87h6h960

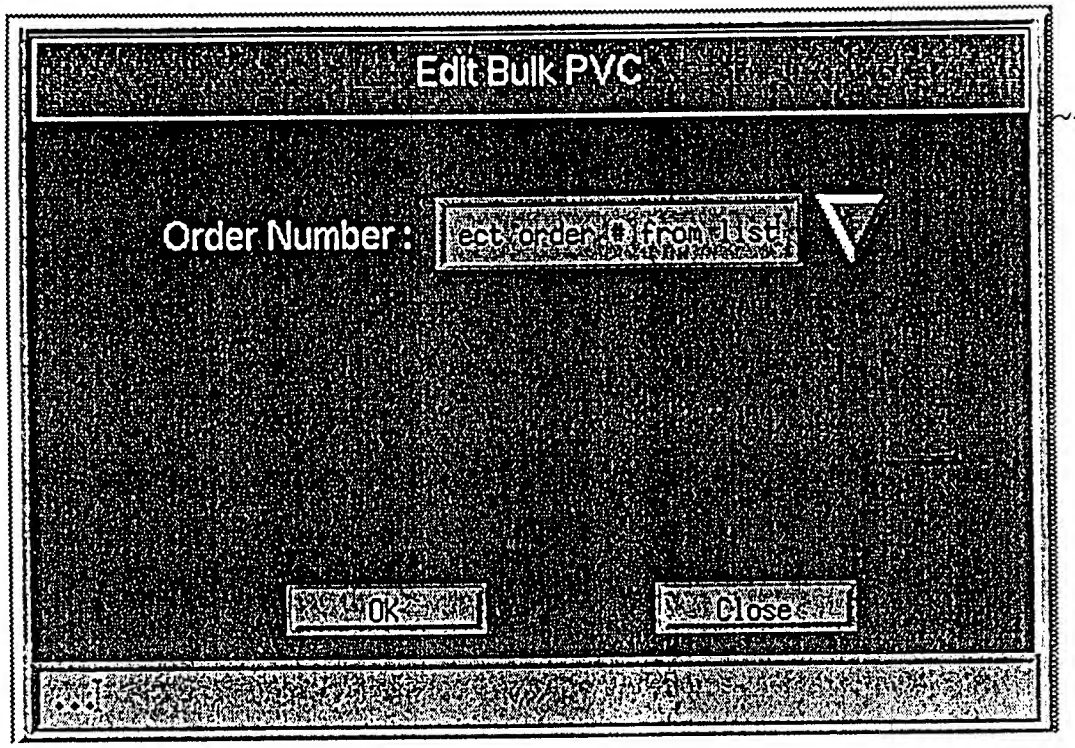
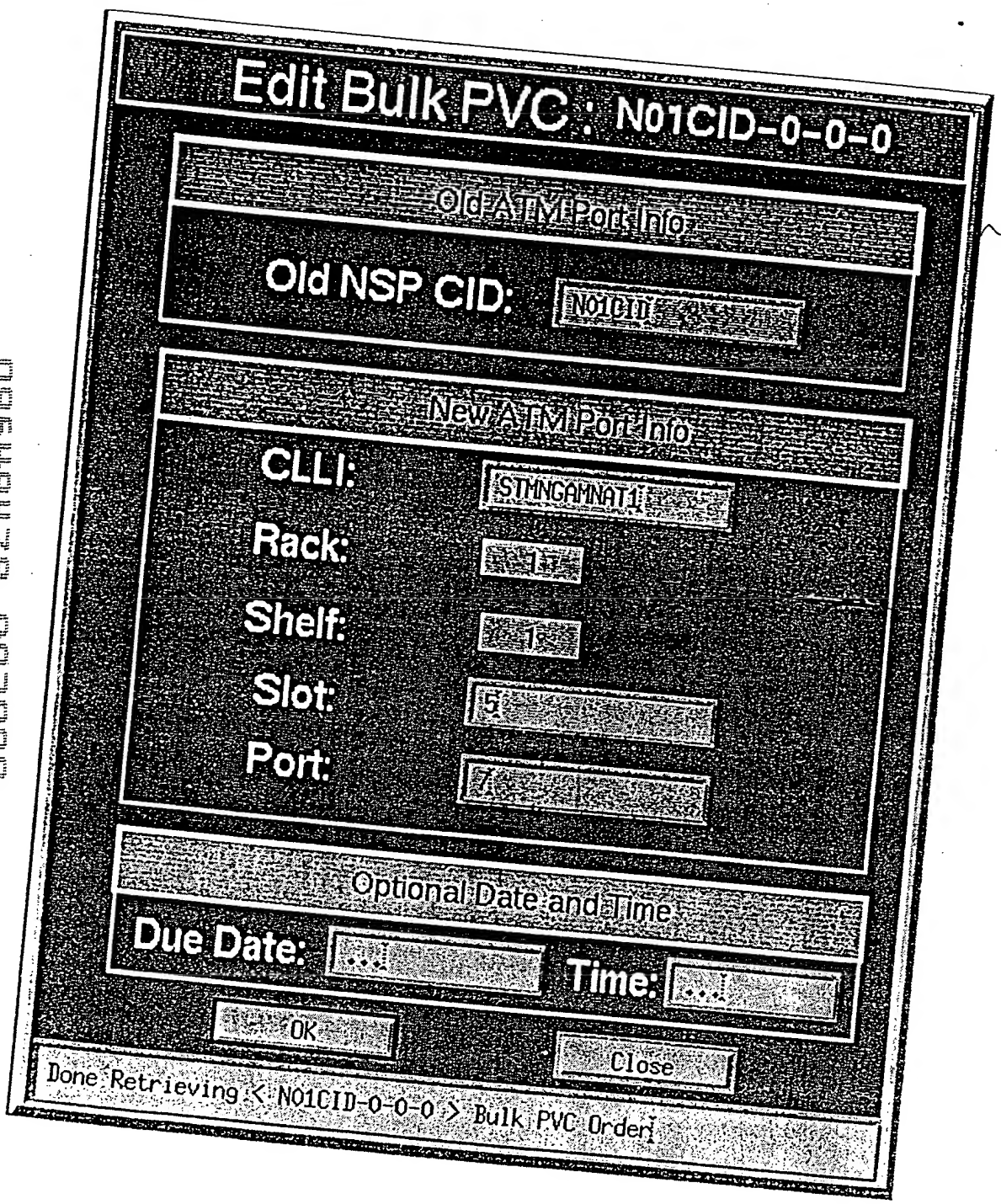


Fig. 6B


Edit Bulk PVC : N01CID-0-0-0
Old ATM Port Info
Old NSP CID:
N01CID
New ATM Port Info
CLLI:
STMNGAMNAT1
Rack:
1
Shelf:
1
Slot:
5
Port:
7
Optional Date and Time
Due Date:
Time:
OK
Close
Done Retrieving < N01CID-0-0-0 > Bulk PVC Order

290

Fig. 6C

008280 8746960

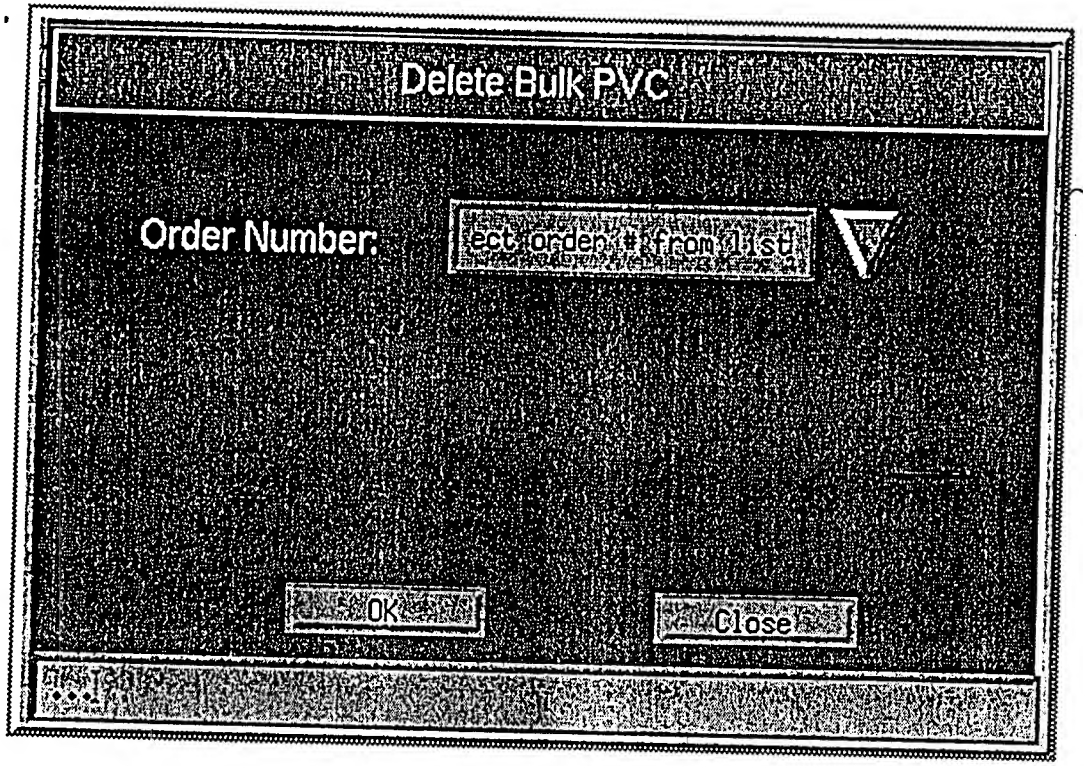
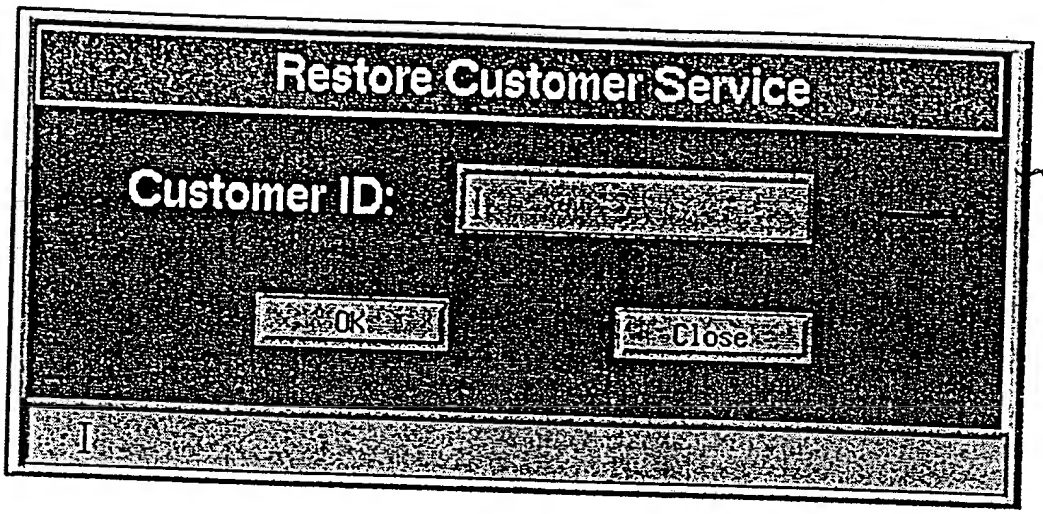
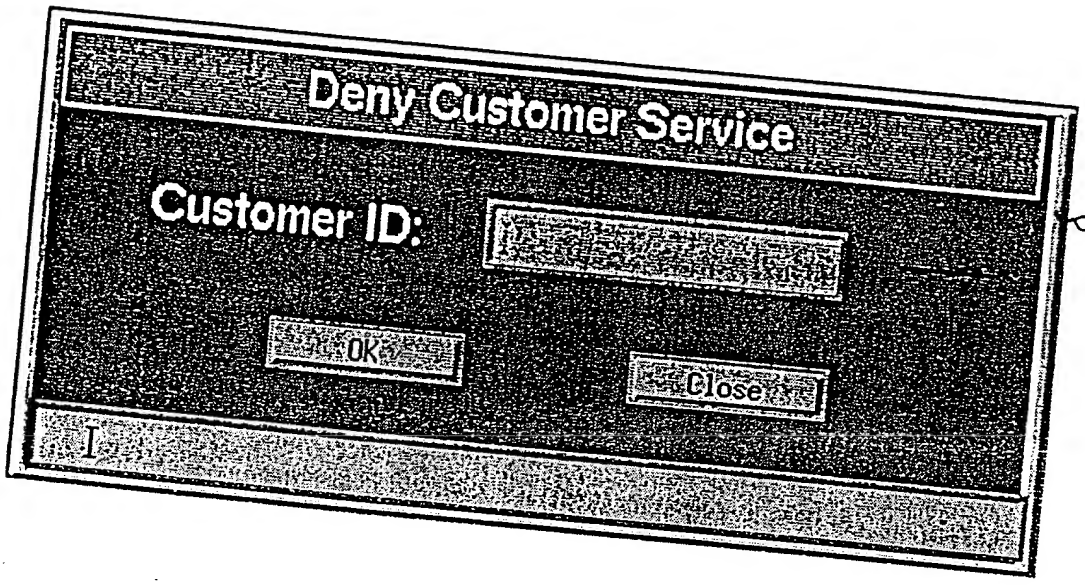


Fig. 6D



296

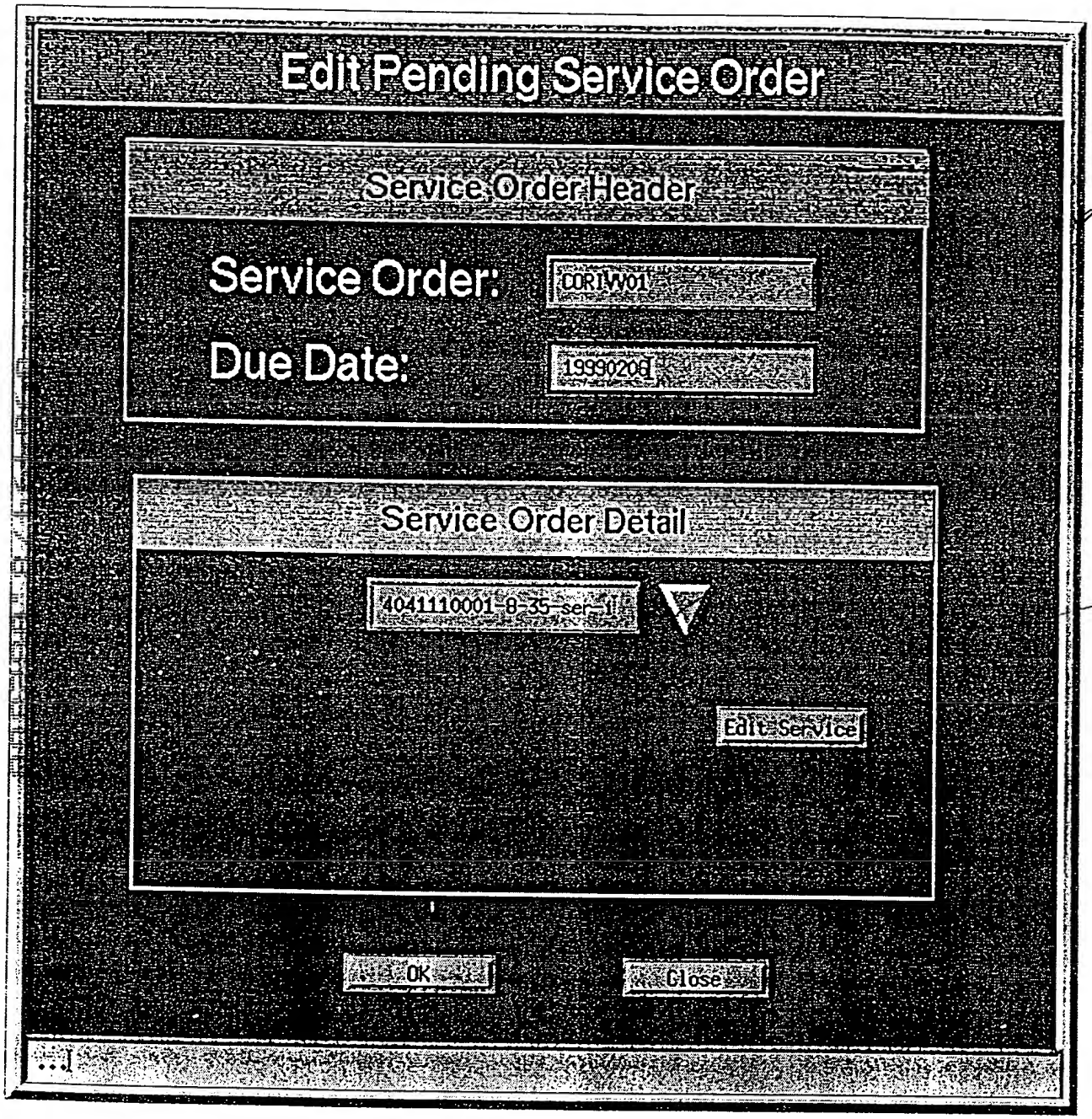
Fig 6F



294

Fig. 6E

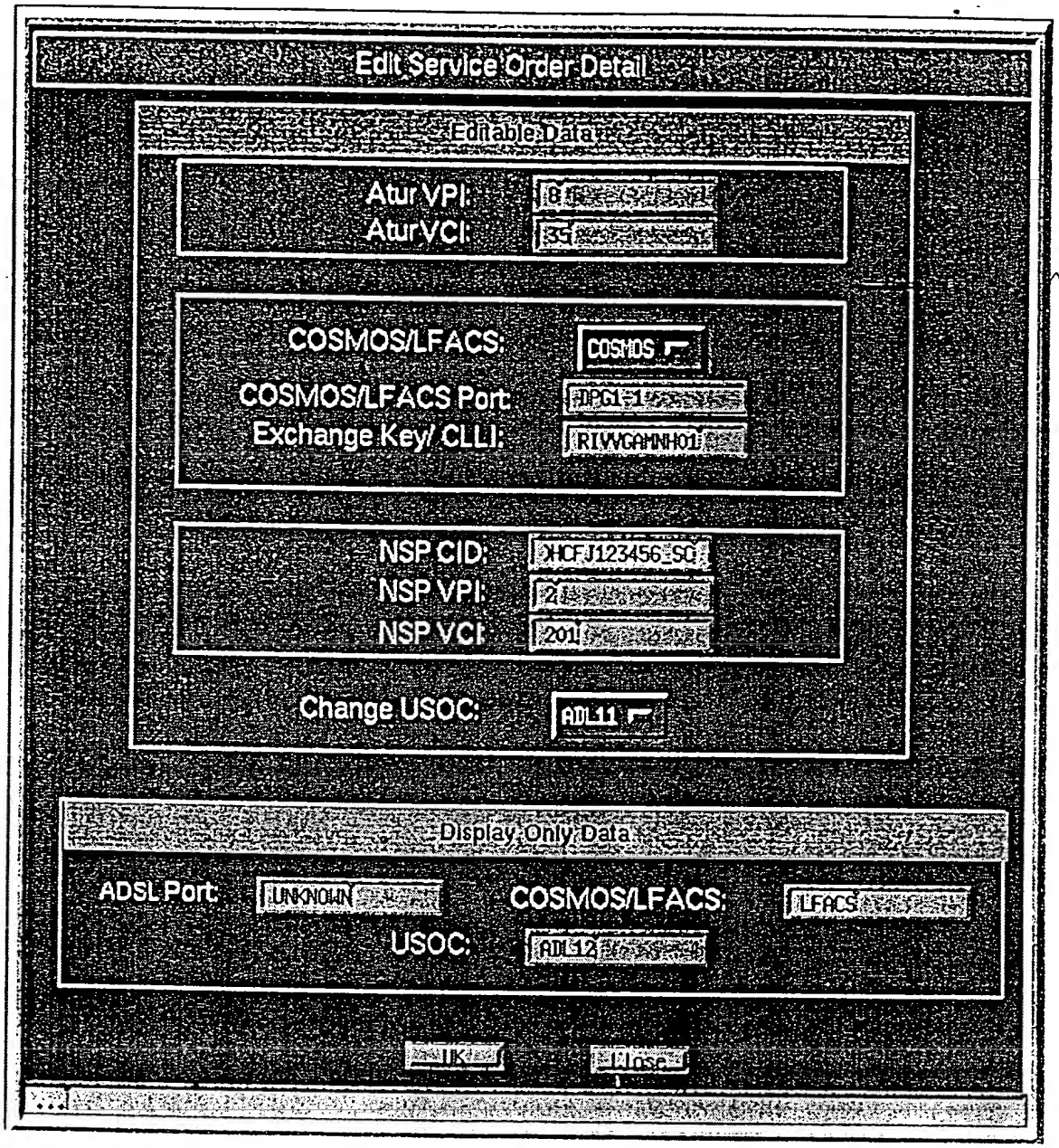
09488680 - 070894



298

299

Fig. 6F


Edit Service Order Detail
Editable Data
Atur VPI:
Atur VCI:
35
COSMOS/LFACS:
COSMOS
COSMOS/LFACS Port:
Exchange Key/ CLLI:
RLVVGAMNH01
NSP CID:
XHCFJ123456_SC
NSP VPI:
NSP VCI:
201
Change USOC:
ADL11
Display Only Data
ADSL Port:
UNKNOWN
COSMOS/LFACS:
LFACS
USOC:
ADL12
OK
Close

300

Fig 6H

008280 "82h6h960

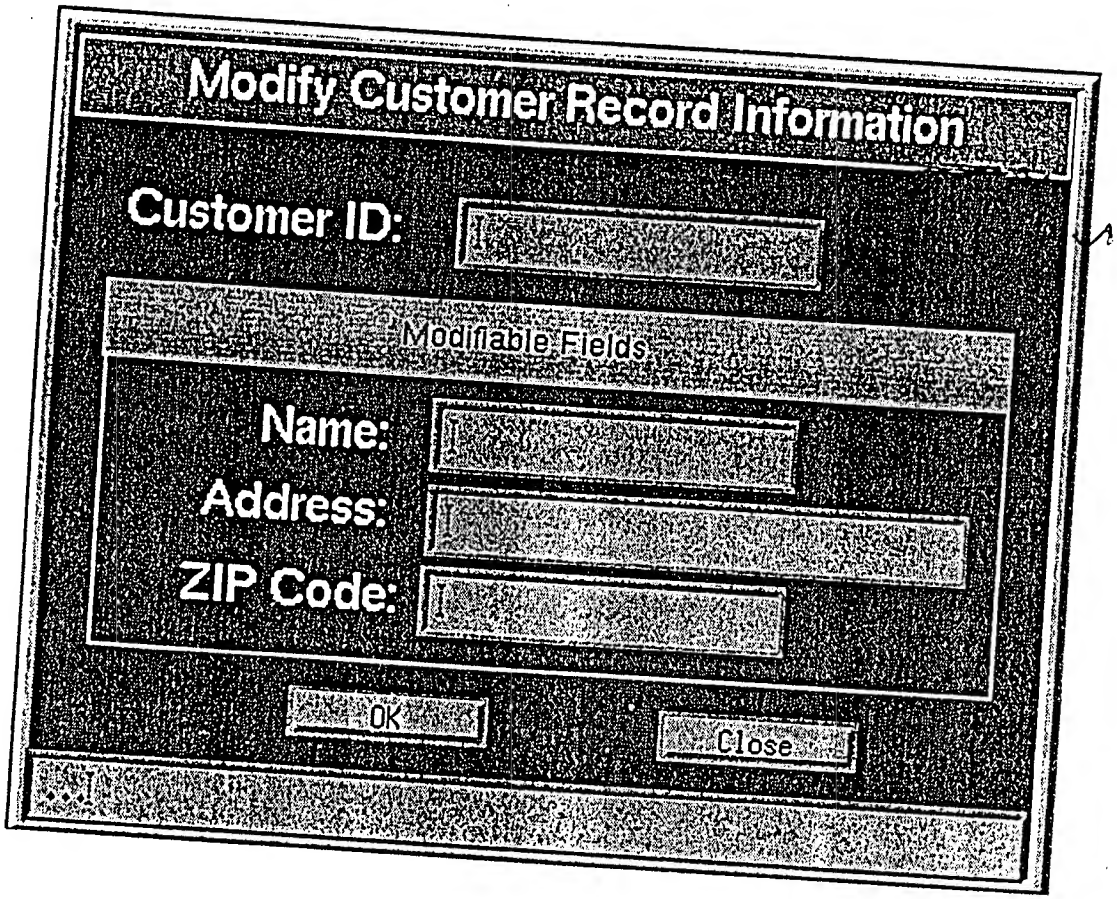
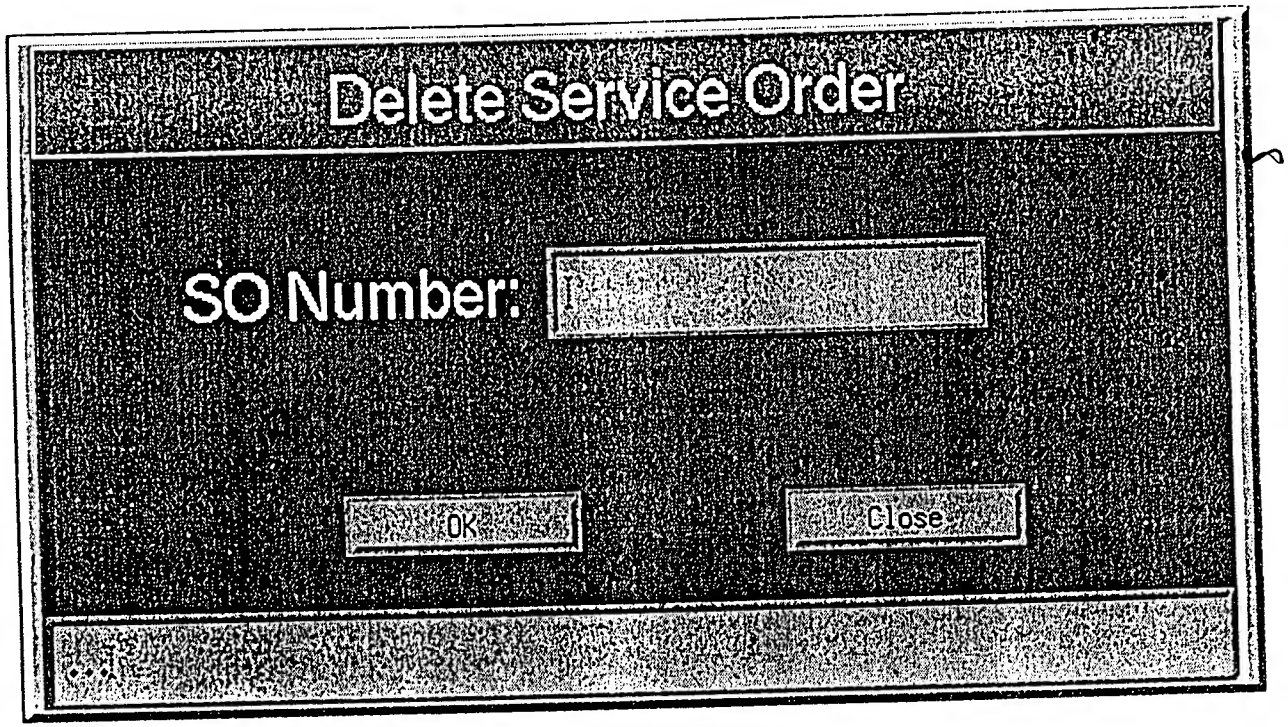


Fig. 6I

008280 "8246960



304

Fig. 6J

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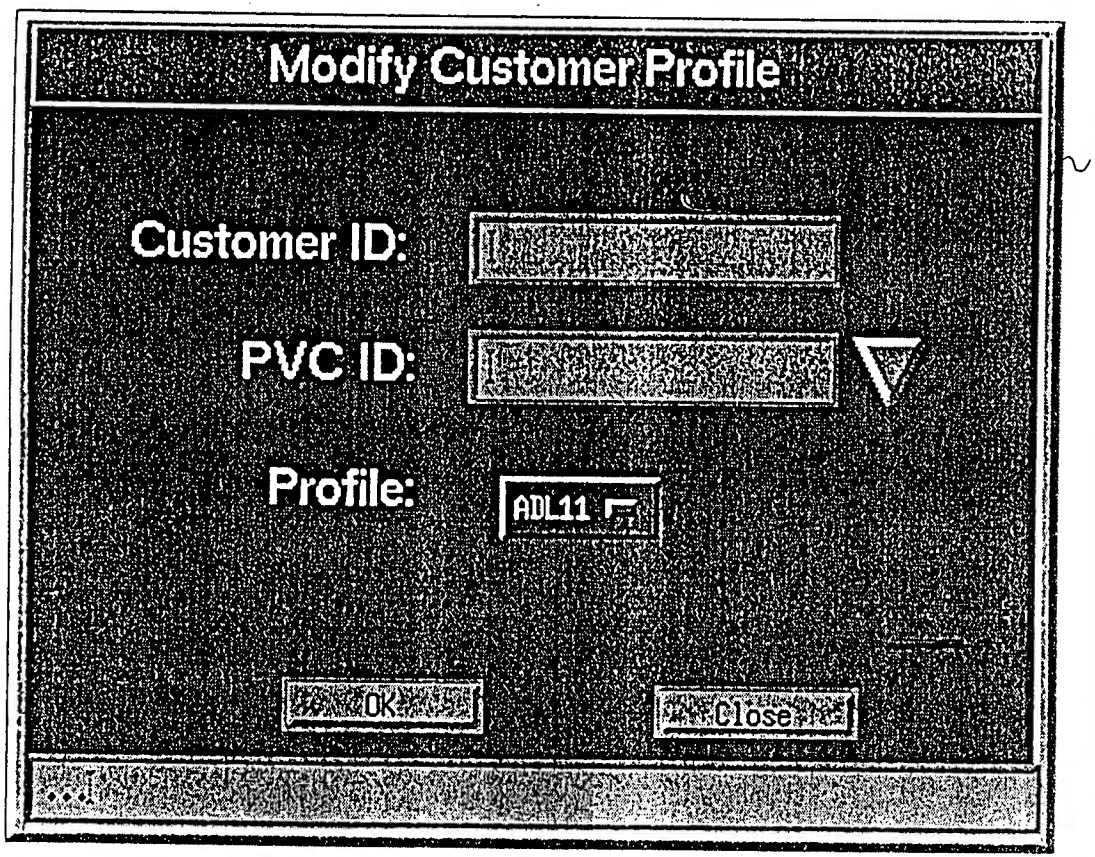

306

Fig. 6K

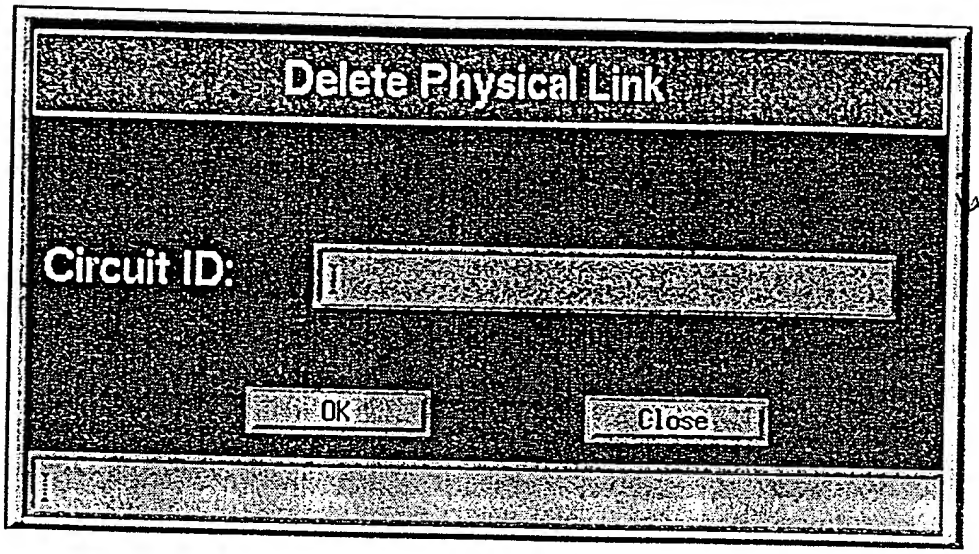

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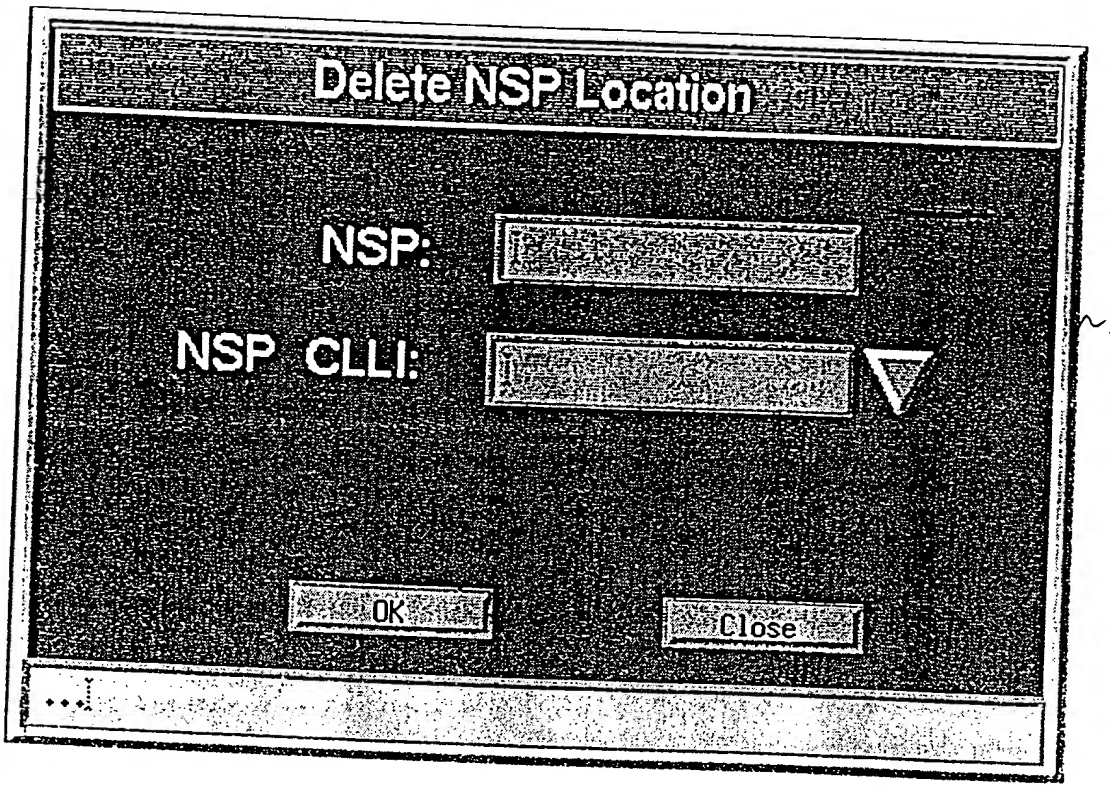
Fig. 7A



310

Fig. 7B

09545708 - 082800

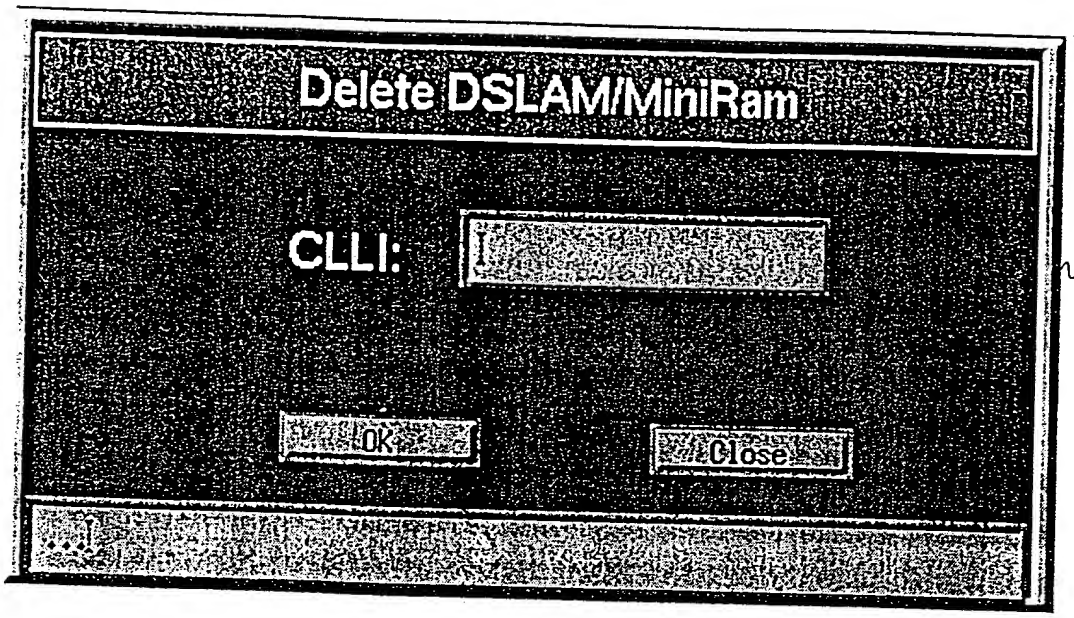


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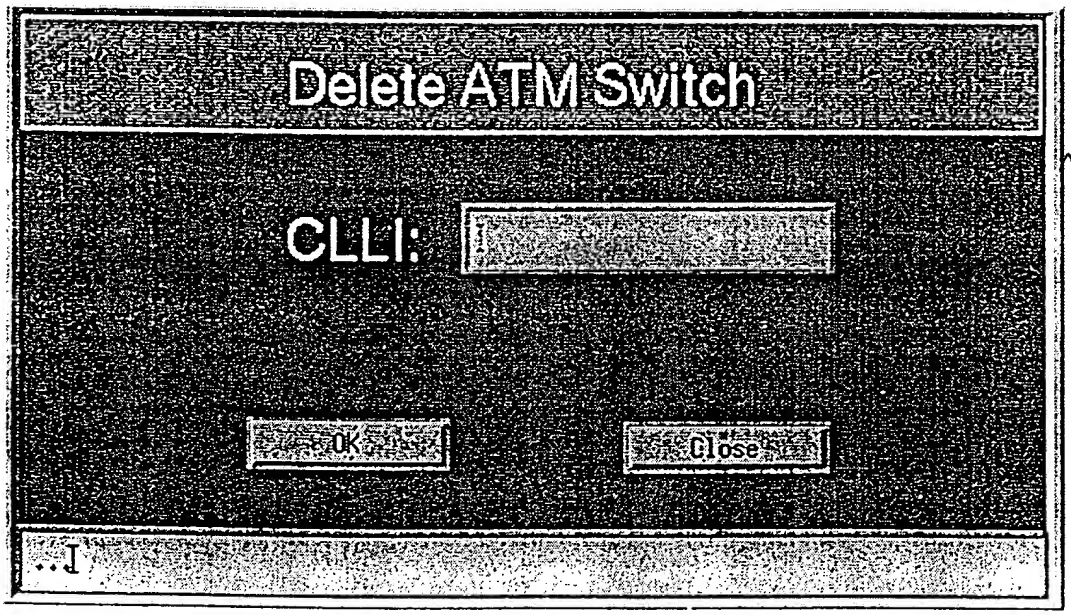
Fig 7C



314

Fig. 7D

0605405.0852000

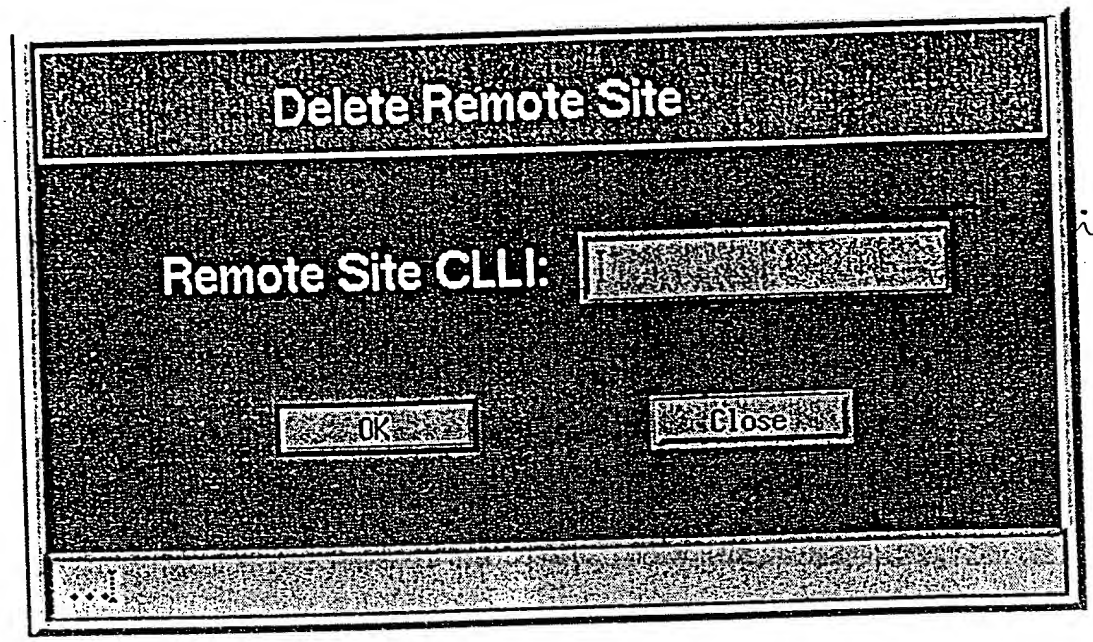


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Fig 7E

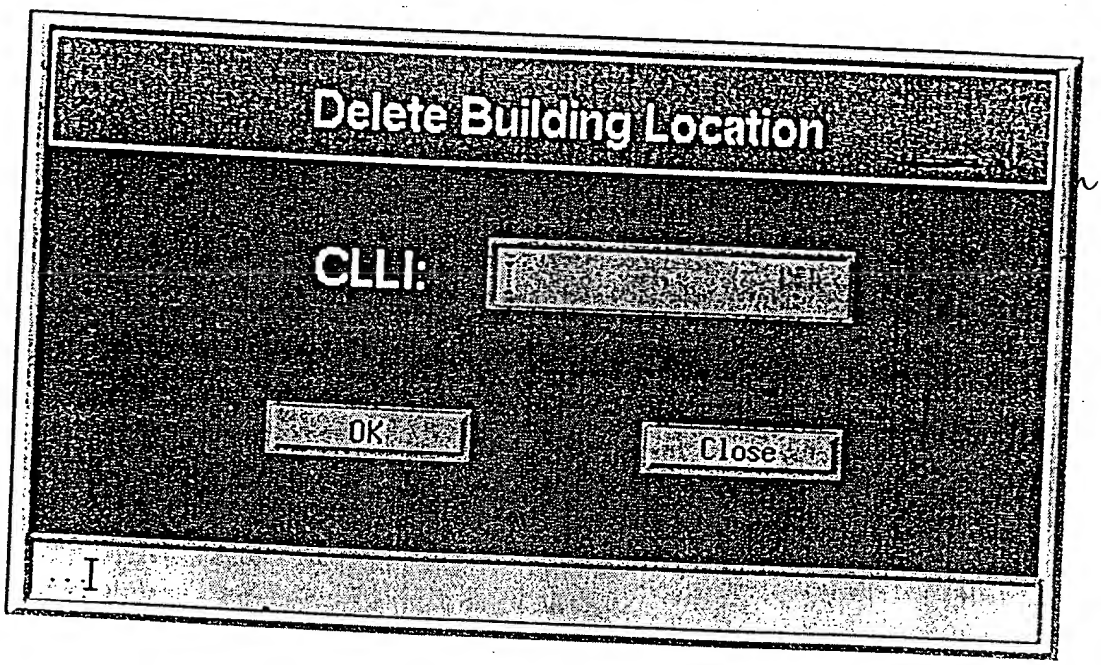

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Fig. 7F

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